

Iowa Department of Agriculture & Land Stewardship
BILL NORHEY, Secretary of Agriculture

STATE CLIMATOLOGIST OFFICE

IOWA CLIMATE REVIEW

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APRIL 2016



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The climatic data used in this report are compiled from official records on file at the State Climatologist Office in Des Moines. Some of these data are of a preliminary nature and are subject to change without notice. Differences may exist in data values published here and those subsequently published in the U.S. Department of Commerce report *Climatological Data Iowa* due to use of differing quality control procedures.

IOWA MONTHLY WEATHER SUMMARY – APRIL 2016

General Summary. Iowa temperatures averaged 49.9° or 1.0° above normal while precipitation totaled 3.25 inches or 0.26 inches less than normal. This ranks as the 57th warmest and 56th wettest April among 144 years of records.

Temperatures. April opened and closed with mostly cooler than normal weather. However, above normal temperatures prevailed every day from the 13th through the 26th. The most noteworthy temperature events of the month were a pair of hard freezes on the 9th and 12th. The 9th was the coldest day over most of the state with temperatures falling into the teens over much of the northwest two-thirds of Iowa. The lowest temperature recorded on the 9th was 13° at Audubon while readings on the 12th fell to 16° at Sheldon, Spencer and Webster City. There was some freeze injury to fruit trees, however, damage was not as great as feared given the advanced stage of development of vegetation which resulted from an extended period of very mild weather in March. The month's highest temperatures were 85° readings at Little Sioux on the 3rd and Donnellson on the 25th. April came to an end with cloudy, cool and wet weather holding daytime highs down in the forties in many areas from the 27th through the 30th.

Heating Degree Day Totals. Home heating requirements, as estimated by heating degree day totals, averaged 7% greater than last April, but 8% less than normal. Degree day totals for the heating season-to-date (from July 1, 2015) are running 15% less than last season at this time and 14% less than normal.

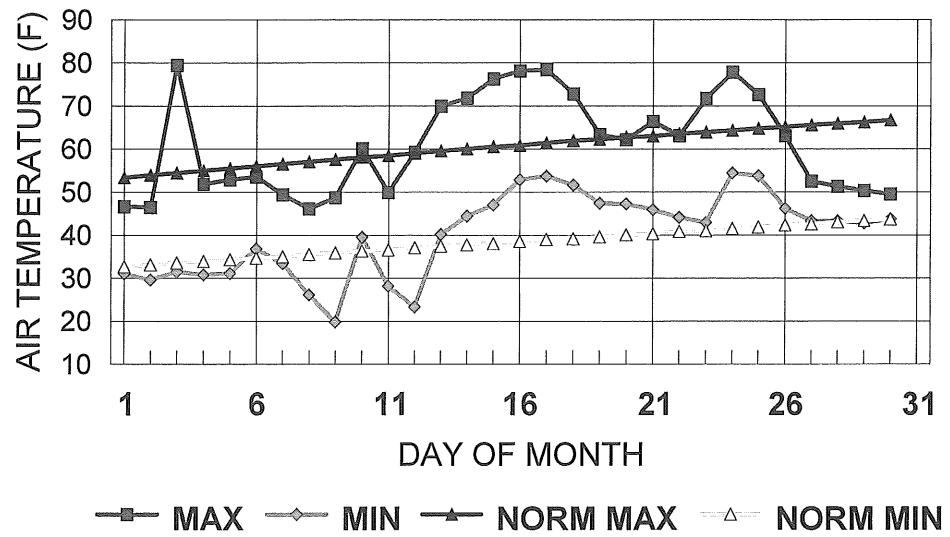
Precipitation. Unseasonably dry weather prevailed for the first 18 days of the month when no measurable rain fell over parts of west central and southwest Iowa. This dry period allowed an unusually early start to the corn planting season but for a time also delayed germination of specialty crops owing to dry topsoil. Rainfall was much more frequent and

plentiful for the final dozen days of April. Late-month rainfall was particularly heavy over western Iowa where numerous rivers and streams reached or slightly exceeded flood stage. The state-wide average precipitation averaged only 0.57 inches for the first 18 days of April but rebounded to 2.68 inches for the final 12 days of the month. April precipitation totals were above normal over most of the western one-third of Iowa and driest over north central and northeast Iowa where monthly totals were under one-half of normal in some areas. April rain totals varied from only 0.75 inches at Marquette to 7.52 inches at Alta. At Guttenberg this was the driest April since 1942 while at Sioux City this was the wettest April since 1998. Precipitation was widespread on the last day of the month. However, much of this precipitation fell after the final rain measurements of the month (made at 7 a.m. or 8 a.m. daily at most locations) and will be included in the May 2016 statistics.

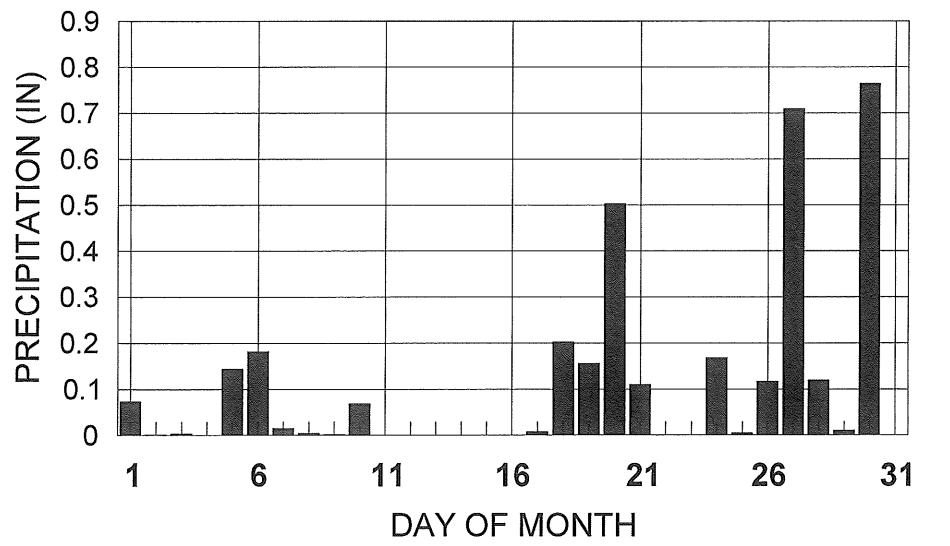
Severe Weather. Severe thunderstorm activity was minimal during April and was limited to only the 24th and 27th. High winds and hail were recorded within a narrow band of northwest Iowa on the 24th, roughly between Sioux City and Estherville. There were also five short-lived tornadoes confirmed in southwest Iowa on the 27th, along with a few scattered hail reports. However, April began with frequent non-thunderstorm high wind events with wind gusts of 40 mph or higher recorded on 8 of the first 9 days of the month (early April on average is the windiest time of the year in Iowa).

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IOWA DAILY MAX & MIN TEMPERATURES APRIL 2016 (SELECTED STATIONS)



IOWA AVERAGE DAILY PRECIPITATION APRIL 2016 (SELECTED STATIONS)



APRIL 2016	IOWA CLIMATE REVIEW																																
AIRPORT		DAY OF MONTH																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PRELIMINARY AVERAGE DAILY DEW POINT TEMPERATURE																																	
Ames	31	22	34	26	30	36	34	19	18	34	19	21	31	36	45	46	51	52	50	50	49	47	50	52	53	49	45	45	41	45	38.7		
Burlington	36	23	35	32	27	42	35	25	20	42	26	23	31	34	45	45	49	51	58	55	52	51	48	53	59	53	51	48	45	42	45	41.2	
Cedar Rapids	33	21	33	27	28	40	34	25	19	40	24	22	31	33	44	44	48	50	55	52	50	49	48	52	53	49	44	48	42	45	39.4		
Davenport	32	20	31	26	25	40	31	25	17	38	24	20	28	30	40	41	41	44	53	52	49	49	42	51	54	47	43	47	41	44	37.5		
Des Moines	30	18	31	25	30	35	34	17	15	36	18	21	29	34	45	45	51	53	49	49	47	49	51	51	50	46	45	41	44	37.9			
Dubuque	29	20	31	24	26	38	30	24	17	37	21	20	29	32	38	42	44	45	47	50	48	47	42	51	52	44	38	42	39	41	36.3		
Estherville	27	20	34	23	31	33	33	17	15	29	16	20	32	38	42	47	49	52	49	50	49	42	47	53	51	47	38	38	39	40	36.7		
Iowa City	32	20	32	27	26	38	33	23	18	40	22	22	31	32	43	44	48	49	54	51	49	50	47	51	53	48	44	48	42	44	38.7		
Lamoni	31	25	33	30	34	38	33	22	17	42	21	23	31	36	48	51	53	55	51	52	50	50	51	53	55	54	50	44	44	48	40.8		
Marshalltown	31	21	34	24	28	36	33	21	16	35	20	19	30	33	43	44	49	50	53	50	49	47	48	51	52	48	43	46	41	43	37.9		
Mason City	27	17	33	22	28	34	32	18	14	30	17	17	29	35	42	44	48	47	53	50	48	42	47	52	53	47	37	40	40	41	36.1		
Moline, IL	33	20	30	26	25	40	30	25	18	38	23	20	28	30	41	42	43	45	53	52	49	48	42	50	54	47	44	47	41	44	37.6		
Omaha, NE	31	29	34	29	35	33	31	22	17	38	20	23	32	39	44	52	54	54	47	50	52	47	51	56	50	52	43	42	46	40.1			
Ottumwa	33	20	32	28	29	39	34	21	17	41	23	20	31	34	44	45	49	51	55	51	49	49	49	51	54	51	48	47	44	46	39.5		
Sioux City	29	29	36	26	36	33	30	20	17	34	19	25	36	41	44	51	51	48	44	50	50	44	51	55	49	48	44	40	39	38.7			
Sioux Falls, SD	25	24	33	24	34	33	29	16	14	27	16	24	36	40	43	50	51	49	44	49	47	40	49	54	47	43	39	37	38	36.5			
Spencer	25	19	33	23	31	33	31	15	13	27	16	20	31	37	41	48	50	52	46	49	48	42	47	54	50	49	45	38	37	35.9			
Waterloo	28	17	31	22	27	36	31	19	15	33	17	17	28	31	41	42	46	47	52	50	49	46	47	50	51	46	39	42	39	42	36.0		
PRELIMINARY AVERAGE DAILY WIND SPEED (MPH)																																	
Ames	14.7	18.2	19.9	10.7	15.3	18.3	13.9	19.5	12.1	13.3	15.2	7.4	11.5	10.3	12.0	13.2	9.1	10.1	4.8	10.0	9.5	8.1	10.3	15.5	13.2	10.9	15.4	6.0	10.1	15.1	12.5		
Burlington	9.2	16.0	15.7	9.1	14.9	14.4	11.1	16.8	10.1	11.2	12.8	6.1	8.1	8.4	9.7	9.5	6.8	6.5	5.5	8.1	5.7	7.2	6.9	12.4	13.0	10.3	14.4	7.8	9.2	13.1	10.3		
Cedar Rapids	12.6	22.0	19.1	9.8	13.4	15.2	12.9	21.0	11.0	10.9	15.2	6.5	11.1	10.2	11.0	10.5	8.0	7.8	7.2	10.0	6.1	7.8	9.5	12.6	13.9	20.0	8.9	8.7	18.6	12.2			
Davenport	11.7	22.1	18.6	9.9	14.7	15.4	14.4	20.7	11.6	14.1	15.7	6.3	11.3	11.2	13.4	10.8	9.4	9.0	8.9	10.4	6.1	7.5	8.8	13.7	14.8	14.3	20.0	7.3	9.6	17.5	12.6		
Des Moines	13.6	17.7	18.3	11.0	16.6	19.6	14.0	18.5	12.7	10.5	13.8	7.0	12.4	11.9	14.5	15.1	12.0	10.2	6.4	12.1	7.1	7.9	11.5	15.4	13.0	10.7	13.8	8.2	10.2	14.4	12.7		
Dubuque	12.8	19.5	18.2	8.9	16.3	13.2	13.4	19.3	11.1	14.3	17.0	5.8	14.2	12.9	13.7	12.3	10.2	7.1	10.4	11.1	5.1	7.5	7.9	13.4	15.0	14.8	17.8	10.8	7.7	15.8	12.6		
Estherville	18.6	21.2	23.3	9.9	21.1	20.0	17.0	21.4	16.6	15.6	15.8	14.6	16.1	19.7	19.5	16.0	15.2	10.0	6.3	11.8	10.8	9.8	16.1	15.1	14.7	14.4	20.1	12.7	9.8	20.7	15.8		
Iowa City	10.9	18.9	15.2	8.5	12.3	13.9	12.3	17.6	9.9	9.4	12.9	4.6	8.9	7.5	9.5	8.3	5.8	6.4	6.9	8.3	3.6	3.3	6.7	9.0	10.4	12.3	9.5	14.2	6.4	8.8	13.6	10.0	
Lamoni	14.2	18.2	19.2	10.7	13.1	17.9	15.4	17.1	10.8	10.5	14.0	6.9	9.4	8.6	10.2	10.4	9.3	8.4	6.4	11.5	11.7	7.3	9.0	14.4	12.4	10.3	10.8	12.3	10.9	9.8	11.7	11.7	11.7
Marshalltown	15.1	22.1	20.1	11.5	17.8	19.2	13.0	20.9	12.6	13.4	16.0	8.9	13.6	12.6	15.8	14.6	11.2	11.5	8.2	11.8	6.8	8.9	11.0	16.2	14.0	13.7	21.3	9.2	10.6	20.8	14.1		
Mason City	18.1	22.5	19.8	9.7	17.9	18.7	15.0	20.7	14.1	16.1	16.0	17.2	10.9	16.4	15.4	15.1	14.8	11.6	10.6	10.9	9.7	9.3	11.5	15.9	15.3	14.5	20.1	12.0	9.9	19.5	14.8		
Moline, IL	10.3	20.9	15.2	8.3	11.4	14.5	15.0	17.8	9.2	10.8	14.9	5.7	9.1	9.6	11.2	9.2	6.8	7.7	8.7	4.2	5.0	6.0	10.3	11.8	13.0	19.5	6.8	8.7	17.6	10.9			
Omaha, NE	14.7	13.8	14.5	9.2	15.5	17.0	17.3	15.1	15.3	11.9	12.6	13.2	13.4	14.7	18.2	18.2	16.3	14.4	9.0	6.4	15.0	14.1	7.1	16.6	17.9	8.5	12.2	15.9	9.6	10.4	10.1	13.3	
Ottumwa	14.0	18.8	19.1	12.3	14.2	17.0	14.1	21.6	12.1	11.4	15.4	7.2	12.4	9.9	11.1	13.0	10.4	10.1	6.2	11.5	7.2	8.8	9.1	15.1	12.3	11.0	16.9	8.6	10.1	16.3	12.6		
Sioux City	16.0	13.9	16.7	9.0	13.6	20.7	19.5	16.3	15.0	13.1	12.6	15.4	13.6	13.9	16.7	12.9	12.9	8.8	5.1	9.5	13.0	5.8	15.7	14.5	10.9	12.5	19.2	10.1	9.2	18.5	13.5		
Sioux Falls, SD	14.6	14.3	15.7	8.7	15.4	16.3	17.5	14.1	16.3	13.0	11.6	16.7	9.3	18.2	17.9	13.5	9.6	7.5	5.3	11.2	14.3	6.6	16.9	13.2	10.3	12.9	20.1	9.9	8.8	18.6	13.3		
Spencer	17.6	18.4	21.3	9.8	18.1	18.6	15.3	19.0	15.7	14.0	13.7	14.0	15.6	16.7	17.0	19.9	15.7	14.8	9.2	7.0	11.0	10.8	8.8	16.7	14.3	13.5	13.9	22.8	12.7	10.8	24.6	15.2	
Waterloo	12.6	20.6	18.1	10.3	14.5	14.0	12.5	19.2	11.8	13.2	16.6	7.1	14.5	12.5	13.0	11.5	8.2	8.0	8.7	9.0	6.7	7.4	11.3	15.0	13.1	13.5	20.4	10.2	8.5	18.2	12.7		
MAX																																	
Ames	33	51	46	29	40	46	39	48	31	31	36	23	26	27	34	37	32	33	17	31	34	25	28	43	29	30	40	17	21	33	51		
Burlington	33	51	45	25	36	33	25	47	29	27	35	16	18	20	26	29	22	29	34	20	19	30	32	37	29	23	22	29	31	51			
Cedar Rapids	35	58	52	30	35	37	31	46	33	30	43	19	21	28	29	31	27	33	20	32	18	21	26	33	36	36	40	22	23	38	58		
Davenport	35	56	47	24	33	31	29	49	34	39	37	15	27	26	27	31	27	24	22	34	20	29	32	35	37	29	20	35	56				
Des Moines	30	50	48	29	41	42	54	53	31	26	36	22	26	26	32	37	29	28	15														

APRIL 2016	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA															IOWA CLIMATE REVIEW															
STATION	TEMPERATURE (F)															PRECIPITATION (inches)															
	Avg:	Avg:	Dep:	Ext:	Ext:	Max:	Max:	Min:	Min:	90+:	32+:	32+:	0+:	2016:	APR:	APR:	15-16:	NORM:	APR:	APR:	2016:	NORM:	Total:	Dep:	Ext:	0-01+:	0-10+:	1-100+:	Total:	GND:	Day:
	Max:	Min:	Mean:	Norm:	Max:	Day:	Min:	Day:	0+:	90+:	32+:	32+:	0+:	2016:	Norm:	SEAS:	SEAS:	SEAS:	2016:	Norm:	SEAS:	SEAS:	Total:	Norm:	Day:	Day:	0-01+:	0-10+:	1-100+:	Total:	GND:
NORTHWEST DIVISION																															
Akron																															
Cherokee	59.4	37.4	48.4	0.9	77	4	18	9	0	0	10	0	0	495	534	6211	7068	1	7	1	7	3.93	1.28	21	13	6	1	0.0	0		
Emmetsburg	59.1	38.1	48.6	2.6	78	18	19	9	0	0	10	0	0	491	574	6339	7515	4	4	4	4	6.26	3.19	1.33	25	14	8	4	T	0	
Estherville Airport	57.5	37.3	47.4	0.6	78	17	15	9	0	0	9	0	0	524	546	6695	7452	2	2	2	2	4.70	1.34	1.92	25	12	5	2	0.0	0	
Estherville 4 E	57.8	36.5	47.2	1.7	78	18	15	9	0	0	11	0	0	528	589		7550	0	4	0	4	3.62	0.32	1.38	28	12	6	1	0.0	0	
Everly 3 WNW																															
Hawarden	60.1	36.7	48.4	1.1	79	14	18	9	0	0	10	0	0	491	540	6258	7175	0	7	0	7	4.72	1.42	1.28	21	9	7	2	0.0	0	
Le Mars	61.0	36.8	48.9	1.2	79	14	16	9	0	0	11	0	0	476	525	6138	7077	1	7	1	7	5.11	2.14	1.15	25	11	6	3	0.0	0	
Orange City																															
Pocahontas	59.6	38.3	49.0	1.2	79	25	17	9	0	0	10	0	0	475	524	6242	7127	2	8	2	8	4.03	0.68	1.00	28	11	5	1	0.0	0	
Primghar	62.1	39.4	50.8	1.4	76	23	+19	9	0	0	9	0	0	420	479	5882	6814	4	11	4	11	4.45	1.31	0.87	27	13	10	0	0.0	0	
Remsen #2																															
Rock Rapids	59.1	37.1	48.1	1.8	77	24	+20	9	0	0	11	0	0	501	565	6433	7467	1	5	1	5	4.28	1.17	1.83	28	8	6	1	0.0	0	
Rock Valley																															
Sanborn	57.8	36.4	47.1	1.2	76	24	18	9	0	0	13	0	0	527	577	6608	7530	0	4	0	4	4.17	0.92	1.34	28	10	7	1	0.0	0	
Sheldon	58.6	35.6	47.1	2.4	77	24	16	12	0	0	12	0	0	528	612	6623	7796	0	3	0	3	4.35	1.06	1.29	28	12	6	1	0.0	0	
Sibley	58.3	36.1	47.2	2.0	76	24	+18	9	0	0	12	0	0	527	598	6765	7676	0	4	0	4	4.40	1.16	1.21	28	12	6	1	0.0	0	
Sioux Center 2 SE	63.1	39.2	51.2	1.4	78	16	+18	9	0	0	8	0	0	414	469	5844	6754	4	11	4	11	5.17	2.03	1.00	27	11	9	1	T	0	
Sioux Rapids 4 E	58.7	38.2	48.5	0.7	77	17	17	9	0	0	9	0	0	487	521	6368	7144	1	6	1	6	5.76	2.45	1.03	24	12	9	1	T	0	
Spencer Airport	58.9	37.6	48.3	1.6	78	17	16	12	0	0	9	0	0	495	550	6405	7371	2	3	2	3										
Spencer 1 N	58.1	38.9	48.5	1.7	77	17	17	9	0	0	9	0	0	493	552	6370	7351	5	6	5	6	4.96	1.71	1.18	27	10	6	1	T	0	
Spirit Lake 4 W	57.5	39.3	48.4		76	3	18	9	0	0	7	0	0	491		6395		1		1		4.85		1.40	27	12	8	2	0.0	0	
Storm Lake	58.4	38.9	48.7	0.5	76	4	18	9	0	0	8	0	0	481	512	6188	7021	1	7	1	7	6.25	2.26	2.06	28	15	8	2	T	0	
Washta	60.1	38.1	49.1		77	4	17	9	0	0	9	0	0	469				0		0		5.80		1.34	25	12	8	2	0.0	0	
NORTH CENTRAL DIVISION																															
Algona 3 W	59.1	36.6	47.9	1.9	80	17	16	9	0	0	10	0	0	512	574	6516	7471	4	4	4	4	2.83	-0.42	0.96	28	9	6	0	T	0	
Allison	58.9	38.3	48.6	0.4	80	17	18	10	0	0	11	0	0	491	511	6212	7121	7	6	7	6	2.15	-1.28	0.70	28	8	5	0	T	0	
Britt	58.0	35.9	47.0	1.2	79	17	16	10	0	0	11	0	0	536	580		7536	1	4	1	4	1.35	-2.27	0.51	28	7	4	0	T	0	
Charles City	57.7	39.1	48.4	0.2	78	16	19	9	0	0	9	0	0	491	510	6225	7091	0	6	0	6	1.77	-1.76	0.58	28	10	4	0	T	0	
Clarion	59.7	37.1	48.4	0.7	80	25	17	9	0	0	11	0	0	494	525		7115	4	7	4	7	1.51	-2.12	0.53	28	8	4	0	T	0	
Dakota City	59.5	37.8	48.7	1.6	79	25	18	9	0	0	11	0	0	488	538	6213	7202	4	2	4	2	2.42	-1.54	0.68	28	10	5	0	0.0	0	
Forest City 2 NNE	57.4	36.5	47.0	0.6	79	17	17	10	0	0	11	0	0	537	563	6626	7466	2	4	2	4	1.37	-2.28	0.62	28	7	3	0	T	0	
Hampton	59.6	36.9	48.3	1.5	80	17	18	10	0	0	11	0	0	497	552	6156	7193	1	5	1	5	1.76	-1.95	0.55	28	11	5	0	0.0	0	
Kanawha																															
Lake Mills																															
Mason City	58.6	37.3	48.0	2.0	79	19	+18	9	0	0	11	0	0	507	574	6313	7473	3	5	3	5	1.44	-2.11	0.52	28	10	4	0	0.0	0	
Mason City Airport	59.1	36.8	48.0	1.3	80	18	+14	9	0	0	9	0	0	509	555	6402	7391	4	5	4	5	1.75	-2.00	0.59	30	7	3	0	T	0	
Nashua 2 SW																															
Northwood																															
Osage	57.3	37.4	47.4	0.8	78	19	+18	9	0	0	11	0	0	524	556	6462	7437	2	4	2	4	1.91	-1.93	0.71	28	6	5	0	T	0	
Saint Ansgar																															
Swea City 4 W																															
NORTHEAST DIVISION																															
Cascade	58.4	37.3	47.9	0.2	81	19	+21	9	0	0	9	0	0	506	526		6911	0	5	0	5	2.20	-1.11	0.87	6	15	7	0	T	0	
Cresco 1 NE	59.2	34.7	47.0	2.1	82	17	14	9	0	0	13	0	0	536	606	6484	7754	3	3	3	3	1.36	-2.18	0.32	28	10	6	0	T	0	
Decorah	62.1	38.4	50.3	1.5	80	17	16	9	0	0	9	0	0	439	493	5858	6866	3	7	3	7	1.75	-1.86	0.47	30	15	5	0	T	0	

APRIL 2016		MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																		IOWA CLIMATE REVIEW																	
STATION		TEMPERATURE (F)												PRECIPITATION (inches)						SNOWFALL (inches)																	
		Avg	Avg	Def	Ext	Ext	Max	Max	Min	Min	90+	32	32	0	2016	Norm	SEAS	SEAS	2016	Norm	SEAS	2016	Norm	SEAS	Total	Norm	Day	Day	0:01+	0:10+	1:00+	Total	GND	Day			
Montezuma 1 W																																					
Newton	62.0	38.8	50.4	1.5	80	25	+	20	10	+	0	0	9	0	432	489	5654	6669	3	6	3	7	2.12	-1.47	0.61	6	11	4	0	0.0	0	0					
Perry	62.8	39.5	51.2	2.5	82	25		19	10	+	0	0	8	0	418	497	5585	6697	11	8	11	8	3.54	0.17	0.94	28	12	8	0	0.0	0	0					
Toledo 3 N	60.5	38.0	49.3	1.4	80	4		18	10	+	0	0	11	0	472	518	5947	6861	5	5	5	5	1.27	-2.15	0.43	28	8	3	0	0.0	0	0					
Webster City	60.3	36.4	48.4	0.7	79	18	+	16	12		0	0	11	0	495	525	6241	7038	2	5	2	5	1.76	-1.64	0.49	21	10	3	0	0.0	0	0					
Zearing																												1.96	-1.34	0.50	28	10	8	0	0.0	0	0
EAST CENTRAL DIVISION																																					
Anamosa 3 SSW	58.2	37.8	48.0	0.0	79	18		22	10	+	0	0	9	0	507	517	5782	6897	1	6	1	6	2.44	-1.21	0.97	6	13	5	0	T	0	0					
Belle Plaine	60.9	39.2	50.1	1.5	81	18		20	10	+	0	0	8	0	451	497	5707	6803	10	6	10	6	2.32	-1.06	0.78	6	9	5	0	0.0	0	0					
Bellevue Lock & Dam 12	58.5	38.7	48.6	-0.4	81	19	+	25	13	+	0	0	9	0	484	489	5557	6602	1	7	1	7	2.42	-1.02	1.00	6	12	6	1	T	0	0					
Cedar Rapids Airport	60.6	38.4	49.5	0.3	81	17	+	18	9		0	0	9	0	459	481	5559	6641	3	7	3	7															
Cedar Rapids #1	63.5	40.0	51.8	0.3	81	25	+	19	9		0	0	6	0	399	417	5304	6127	9	13	9	14	3.37	-0.05	1.10	6	8	6	1	T	0	0					
Clinton #1	62.6	40.7	51.7	-0.1	83	17		24	9		0	0	5	0	406	411	5096	6033	13	13	13	14	3.58	0.66	0.85	30	10	7	0	T	0	0					
Coggon	58.2	35.6	46.9		81	18		20	10	+	0	0	11	0	533		6093		0		0		2.21		0.75	6	11	5	0	T	0	0					
Davenport Airport	61.1	38.7	49.9	-0.4	84	17	+	20	9		0	0	9	0	456	446	5330	6300	10	6	11	6	2.42		0.76	30	12	6	0	T	0	0					
De Witt																												2.16	-1.17	0.52	22	13	6	0	T	0	0
Iowa City	62.0	38.1	50.1	-2.2	83	18	+	23	13		0	0	9	0	447	393	5467	5901	8	13	8	14	1.54	-2.00	0.67	28	13	3	0	0.0	0	0					
Iowa City Airport	61.3	39.6	50.5	-0.5	81	17	+	22	9		0	0	9	0	433	426	5293	6191	6	4	6	4															
Le Claire L & D 14	60.5	40.5	50.5	-0.5	82	26		25	10	+	0	0	8	0	436	428	5190	6039	11	8	11	8	2.11	-1.13	0.48	28	14	6	0								
Lowden	60.2	37.7	49.0	-0.3	81	18	+	20	9		0	0	10	0	478	473	5438	6676	4	0	5	0	3.16	-0.46	0.90	30	12	8	0	0.1	0	0					
Maquoketa 4 W	58.8	35.7	47.3	-0.1	82	18	+	21	6	+	0	0	12	0	526	533	5950	6985	1	5	1	5	2.04	-1.06	0.79	6	13	7	0	T	0	0					
Monticello																												2.58		1.03	6	13	7	1	T	0	0
Muscatine	62.6	40.1	51.4	-1.5	83	19	+	25	10	+	0	0	8	0	414	379	5250	5783	12	16	12	18	1.90	-1.59	0.62	28	12	6	0	0.0	0	0					
Muscatine 2 N	61.0	41.4	51.2		81	19	+	24	10	+	0	0	8	0	420		5142		14		14		2.06		0.60	28	14	6	0	T	0	0					
Swisher																												2.49		1.08	6	13	6	1	0.0	0	0
Vinton	59.8	38.3	49.1	-1.1	80	18	+	19	10	+	0	0	10	0	480	452	5887	6496	8	8	8	9	2.28	-1.26	0.56	28	10	7	0	0.0	0	0					
Williamsburg 1 E	61.6	37.5	49.6	0.5	82	18	+	19	10	+	0	0	9	0	462	485		6660	8	7	8	7	2.47	-1.02	0.90	6	12	6	0	0.0	0	0					
SOUTHWEST DIVISION																																					
Atlantic 1 NE	62.7	37.6	50.2	0.5	81	25	+	14	10	+	0	0	11	0	445	469	5729	6555	6	10	7	11	4.48	0.70	1.16	21	10	7	1	0.0	0	0					
Bedford	63.4	40.0	51.7	1.3	82	4		21	12		0	0	9	0	398	447	5257	6176	6	9	6	10	6.42	3.11	2.00	27	12	8	2	0.0	0	0					
Clarinda	63.6	40.8	52.2	2.6	81	4		22	9		0	0	8	0	382	469	5160	6392	7	9	7	9	5.73	2.58	1.88	27	12	8	1	0.0	0	0					
Glenwood	65.0	42.0	53.5	3.6	83	25		22	10		0	0	5	0	346	453	5152	6226	7	0	8	0	7.14	3.71	1.85	21	10	10	3	0.0	0	0					
Greenfield	61.9	39.1	50.5	-1.3	81	4		17	9		0	0	9	0	429	409	5511	5984	3	13	3	14	4.47	0.78	0.82	27	10	8	0	0.0	0	0					
Hastings 4 NE																												4.38		1.06	20	11	8	1	0.0	0	0
Oakland	63.3	39.3	51.3	1.7	82	25	+	17	10		0	0	8	0	408	470	5454	6385	5	10	7	10	4.73	0.94	1.32	21	9	8	2	0.0	0	0					
Randolph																												5.58	2.19	1.46	20	11	8	2	0.0	0	0
Red Oak	65.0	41.5	53.3	2.5	83	4		21	9		0	0	9	0	357	440	5054	6135	10	13	12	14	6.74	3.09	1.51	27	10	10	2	0.0	0	0					
Shenandoah	65.3	43.2	54.3	2.6	84	4		24	9		0	0	5	0	325	415	4849	5922	10	16	10	17	6.78	3.54	1.51	27	11	10	3	0.0	0	0					
Sidney 1 SSE	64.5	41.4	53.0	1.6	83	4		23	10	+	0	0	5	0	361	423	5087	5933	6	14	8	15	5.22	1.96	1.39	27	10	8	1	0.0	0	0					
Underwood																												6.02		1.63	21	10	9	3	0.0	0	0
SOUTH CENTRAL DIVISION																																					
Albia 3 NNE	61.9	40.9	51.4	1.1	81	4		21	9		0	0	8	0	409	449	5287	6169	6	8	6	9	1.95	-1.61	0.72	28	10	6	0	0.0	0	0					
Allerton	62.2	40.4	51.3	2.0	81	4		20	9		0	0	8	0	406	471	5280	6178	4	2	4	3	2.72	-1.05	0.66	27	10	8	0	0.0	0	0					
Beaconsfield	62.2	39.9	51.1	1.4	80	4		22	10	+	0	0	6	0	412	465	5382	6287	3	6	3	6	2.94	-0.56	0.90	27	9	8	0	0.0	0	0					
Centerville	63.7	40.4	52.1	1.0	81	4		21	9		0	0	7	0	390	429	5179	5982	9	10	9	11	2.86	-0.84	0.60	28	11	10	0	0.0	0	0					

APRIL 2016	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				IOWA CLIMATE REVIEW												
									TEMPERATURE (F)								PRECIPITATION (inches)																
	STATION	Avg	Avg	Dep	Ext	Ext	Max	Max	Min	Min	90+	32+	32-	0+	APR 2016	APR NORM	15-18 SEAS	2016 NORM	APR 2016	APR NORM	2016 SEAS	2016 NORM	Dep	Ext	Total	Norm	Day	Day	0.01+	0.10+	1.00+	Total	GND
Chariton 1 E	62.2	38.1	50.2	1.5	81	4	17	10	+0	0	8	0	442	495	5612	6440	3	7	3	7	3.85	0.09	0.86	27	11	9	0	0.0	0				
Creston 2 SW	62.0	39.8	50.9	1.8	82	4	20	10	+0	0	0	8	0	422	484	5514	6464	5	6	5	7	4.00	0.68	0.93	27	10	7	0	0.0	0			
Indianola 4 W	63.3	40.3	51.8	1.7	83	25	19	9	0	0	7	0	398	457	5448	6315	11	10	11	11	2.93	-0.85	0.75	28	11	7	0	0.0	0				
Knoxville	61.9	41.4	51.7	1.1	80	4	22	9	0	0	7	0	403	442	5323	6188	10	10	10	11	3.00	-0.99	0.72	28	13	9	0	0.0	0				
Lamoni	64.4	42.1	53.3	2.4	82	25	23	10	+0	0	0	6	0	356	432	4987	6020	12	9	12	10	3.37	-0.59	0.80	27	12	8	0	T	0			
Lamoni Airport	63.4	42.9	53.2	1.6	81	3	22	9	0	0	6	0	353	406	4815	5893	6	6	6	7	2.97		0.75	27	10	7	0						
Lorimor																					4.20	0.60	0.76	28	12	10	0	0.0	0				
Mount Ayr	62.3	40.5	51.4	1.6	82	25	18	9	0	0	7	0	404	463	5377	6271	5	7	5	7	3.34	0.30	1.30	27	10	7	1	0.0	0				
Osceola	63.5	39.7	51.6	1.6	82	4	19	10	+0	0	0	9	0	404	458	5368	6307	8	7	8	7	2.76	-0.98	0.62	28	13	7	0	0.0	0			
Pella 1 S																					2.59	-0.83	0.75	28	12	8	0	0.0	0				
Rathbun Dam	62.5	41.6	52.1	1.3	81	4	24	9	0	0	6	0	387	437	5200	6056	6	11	6	12	2.61	-1.09	0.58	28	11	9	0	0.0	0				
Winterset 1 S	61.4	39.4	50.4	1.2	81	4	19	9	0	0	7	0	435	481		6483	5	7	5	8	3.86	0.41	0.77	27	10	8	0	0.0	0				
SOUTHEAST DIVISION																																	
Bloomfield 1 WNW														432		5984		8		9	2.12	-1.28	0.46	28	13	8	0	0.0	0				
Brighton																				2.25	-1.12	0.65	27	15	6	0	0.0	0					
Burlington Airport	62.9	42.8	52.9	-0.9	82	25	24	9	0	0	6	0	374	356	4838	5461	17	18	18	20	3.26	-0.50	0.75	30	11	8	0	0.0	0				
Donnellson	64.4	42.5	53.5		85	26	24	10	+0	0	0	6	0	362		4860		23		23	2.68	-0.99	0.82	19	13	7	0	0.0	0				
Fairfield	62.2	41.3	51.8	-1.3	80	26	22	9	0	0	7	0	403	373	5126	5678	13	17	13	19	1.99	-1.52	0.57	28	12	5	0	0.0	0				
Fort Madison	61.9	43.6	52.8	-0.6	80	25	25	9	0	0	5	0	376	361		5458	17	13	17	13	2.90	-0.94	0.63	19	12	8	0	0.0	0				
Keokuk Lock & Dam 19	63.5	43.3	53.4	0.8	81	25	25	10	0	0	5	0	356	385	4747	5571	17	15	17	16	3.99	0.23	1.13	28	14	10	1	0.0	0				
Keosauqua	64.1	40.8	52.5		82	18	21	9	0	0	8	0	382	379	5031	5690	13	16	13	18	2.13	-1.44	0.68	28	9	8	0	0.0	0				
Mount Pleasant 1 SSW	62.0	40.3	51.2	-1.7	80	19	21	10	0	0	8	0	420	380	5313	5686	12	17	12	18	1.35	-2.06	0.35	28	12	6	0	0.0	0				
Oskaloosa	62.2	40.4	51.3	1.7	82	4	19	9	0	0	8	0	412	469	5327	6416	9	7	9	8	2.23	-1.36	0.78	6	13	7	0	0.0	0				
Ottumwa Airport	62.7	40.2	51.5	0.6	82	24	18	9	0	0	9	0	407	434	5128	6128	9	10	9	11	2.65	-0.75	0.76	26	15	7	0	0.0	0				
Salem 1 S																				1.71		0.53	28	12	7	0	0.0	0					
Wapello																				0.60	28	10	7	0	0.0	0							
Washington	62.2	38.4	50.3	-0.2	80	25	21	9	0	0	9	0	442	442	5355	6348	6	9	6	10	1.95	-1.31	0.78	28	13	7	0	T	0				
SUPPLEMENTAL STATIONS																																	
Moline Airport	62.8	39.4	51.1	-0.3	83	25	24	5	0	0	8	0	417	421	5005	6021	8	13	11	14	2.44	-1.15	0.66	30	11	7	0	T	0				
Omaha Eppley AP	65.9	44.1	55.0	3.3	85	3	24	9	0	0	4	0	303	413	4806	6001	11	15	13	16	5.40	2.44	1.91	20	10	6	3	T	0				
Sioux Falls WFO AP	59.2	38.2	48.7	2.3	76	14	19	9	0	0	8	0	482	562	6283	7399	0	5	0	5	4.62	1.61	1.26	27	10	6	1	T	0				
DIVISIONAL AND STATE AVERAGES																																	
Northwest	59.2	37.7	48.5	1.5	79	14	15	9	0	0	10	0	490	546	6339	7293	2	6	2	6	4.85	1.63	2.06	28	12	7	2	T	0				
North Central	58.6	37.2	47.9	1.3	80	25	14	9	0	0	11	0	508	555	6347	7376	3	5	3	5	1.87	-1.71	0.96	28	9	4	0	T	0				
Northeast	58.6	37.1	47.9	0.3	82	17	14	9	0	0	11	0	510	527	6151	7073	3	4	3	4	1.80	-1.90	0.87	6	11	6	0	T	T	2			
West Central	61.4	38.3	49.9	1.3	85	4	13	9	0	0	9	0	449	501	5913	6784	2	8	2	8	4.83	1.40	2.79	21	11	8	1	T	T	1			
Central	61.3	38.9	50.1	1.3	83	3	16	12	0	0	9	0	445	494	5787	6737	6	7	6	7	2.43	-1.19	1.22	30	11	6	0	T	0				
East Central	60.7	38.7	49.7	-0.3	84	17	18	9	0	0	9	0	458	458	5503	6420	7	8	7	8	2.42	-0.97	1.10	6	12	6	0	T	0				
Southwest	63.9	40.5	52.2	1.8	84	4	14	10	0	0	8	0	383	447	5250	6201	7	10	8	11	5.64	2.18	2.00	27	11	9	2	0.0	0				
South Central	62.6	40.5	51.6	1.5	83	25	17	10	0	0	7	0	402	456	5290	6221	7	8	7	9	3.12	-0.53	1.30	27	11	8	0	T	0				
Southeast	62.8	41.4	52.1	0.3	85	26	18	9	0	0	7	0	393	407	5081	5912	14	12	14	13	2.40	-1.18	1.13	28	12	7	0	T	0				
State	60.9	38.8	49.9	1.0	85	26	13	9	0	0	9	0	452	492	5779	6710	5	7	5	7	3.25	-0.26	2.79	21	11	7	1	T	T	2	H		

APRIL 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW								
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHWEST DIVISION																																		
Cherokee	8	MAX	51	42	47	77	51	61	49	46	44	52	60	47	64	75	75	75	75	76	62	61	55	66	66	75	73	62	60	46	44	46	59.4	
		MIN	32	30	33	29	29	35	33	28	18	20	20	20	24	43	48	49	56	52	40	39	49	47	44	55	50	39	40	40	39	40	37.4	
Emmetsburg	8	MAX	53	42	45	77	48	52	51	45	39	49	58	45	64	77	74	77	77	78	73	60	57	65	63	75	76	58	60	44	44	46	59.1	
		MIN	33	29	29	28	30	34	35	28	19	23	26	21	28	47	45	45	54	57	47	50	47	47	42	47	53	40	40	39	39	41	38.1	
Estherville Airport	24	MAX	40	42	76	47	49	52	43	37	47	56	44	62	74	75	75	77	78	72	62	55	65	60	73	72	61	52	45	41	50	44	57.5	
		MIN	31	28	31	25	29	33	33	21	15	34	20	17	43	46	41	55	53	51	48	48	45	40	37	54	45	41	39	37	38	41	37.3	
Estherville 4 E	7	MAX	51	40	45	75	46	49	51	44	37	47	56	44	62	74	75	75	77	78	72	62	55	65	60	73	73	62	53	42	41	50	57.8	
		MIN	31	31	29	24	25	32	34	29	15	20	25	18	33	46	41	42	53	52	47	48	44	45	37	49	52	41	39	37	37	38	36.5	
Hawarden	7	MAX	53	41	50	78	54	65	43	47	46	54	58	48	69	79	77	76	74	74	60	64	54	71	66	76	74	59	55	46	43	48	60.1	
		MIN	34	31	34	29	29	37	29	26	18	20	25	23	31	45	50	50	51	48	38	39	48	36	37	47	50	39	40	39	39	40	36.7	
Le Mars	7	MAX	53	44	50	77	54	64	42	48	47	55	62	49	68	79	78	77	78	78	61	64	53	70	66	78	75	62	60	47	44	47	61.0	
		MIN	32	31	33	28	28	35	29	26	16	20	25	24	30	47	49	49	54	49	37	38	47	39	40	45	52	40	41	40	40	39	36.8	
Pocahontas	8	MAX	53	42	45	76	49	53	50	46	41	49	62	47	63	75	74	76	77	77	71	59	60	65	65	74	79	62	63	45	44	47	59.6	
		MIN	35	31	30	29	28	35	35	29	17	23	29	18	29	44	45	52	50	55	44	45	46	47	42	53	53	43	41	41	39	40	38.3	
Pringhar	16	MAX	49	47	76	76	62	60	46	42	52	58	58	62	74	75	76	76	76	75	60	58	64	66	76	75	72	58	54	44	47	48	62.1	
		MIN	32	30	33	27	27	37	32	27	19	40	23	23	45	50	51	57	57	53	41	47	47	45	43	52	46	43	39	38	37	41	39.4	
Rock Rapids	8	MAX	50	39	47	75	50	61	44	44	42	54	59	46	67	77	76	75	75	76	63	62	55	68	67	77	74	59	54	43	42	53	59.1	
		MIN	31	31	31	26	26	35	35	28	20	23	27	22	28	43	49	50	56	54	40	41	49	38	38	45	50	42	40	38	38	38	37.1	
Sanborn	8	MAX	50	39	45	75	49	59	46	44	41	51	58	45	63	74	74	75	73	75	63	59	53	67	64	76	75	56	53	44	43	45	57.8	
		MIN	31	28	30	26	25	25	31	27	18	21	21	24	30	45	50	50	57	52	40	40	47	43	46	48	40	37	37	40	40	36.4		
Sheldon	7	MAX	51	40	46	75	51	62	45	46	42	53	58	46	65	76	75	75	74	75	63	63	53	67	64	77	72	58	53	44	42	48	58.6	
		MIN	31	31	31	26	24	34	31	26	17	21	23	16	24	42	49	48	55	50	40	40	47	38	41	43	49	36	39	39	38	39	35.6	
Sibley	7	MAX	52	40	45	76	50	61	46	43	40	51	58	45	65	76	76	76	75	76	63	59	53	68	64	76	74	57	51	43	40	50	58.3	
		MIN	31	29	29	25	24	32	34	27	18	23	23	22	25	42	48	49	52	52	41	42	48	41	40	46	49	40	40	37	36	37	36.1	
Sioux Center 2 SE	16	MAX	44	47	76	74	62	62	46	47	54	58	60	66	75	78	78	78	77	76	62	64	67	67	76	77	71	58	54	45	46	48	63.1	
		MIN	32	31	36	28	34	39	30	26	18	40	24	22	41	47	48	54	55	51	39	46	49	39	44	57	50	40	39	38	39	41	39.2	
Sioux Rapids 4 E	22	MAX	42	45	76	49	56	49	46	41	50	59	47	63	74	75	76	76	77	66	57	56	65	62	75	74	62	58	51	44	47	44	58.7	
		MIN	28	30	31	27	29	36	33	25	17	37	24	21	37	45	45	54	54	47	36	45	48	47	44	55	50	41	40	39	39	41	38.2	
Spencer Airport	24	MAX	41	46	77	50	57	49	46	41	51	59	47	65	75	76	77	75	78	66	56	55	67	63	76	73	59	55	46	44	50	46	58.9	
		MIN	30	29	33	27	32	35	30	18	16	34	20	16	42	47	48	54	55	48	43	42	48	43	40	55	45	38	40	39	40	42	37.6	
Spencer 1 N	24	MAX	40	44	76	48	56	47	44	40	50	58	46	63	75	75	76	76	77	67	56	54	66	63	75	73	59	56	47	43	49	45	58.1	
		MIN	31	30	36	29	29	35	32	23	17	36	25	19	44	49	49	55	61	48	44	44	50	44	38	54	47	40	39	38	39	41	38.9	
Spirit Lake 4 W	24	MAX	40	45	76	48	53	47	44	39	48	59	46	63	74	74	73	72	75	67	59	54	66	63	73	71	62	51	47	42	49	44	57.5	
		MIN	31	29	36	26	34	35	33	21	18	35	24	22	44	49	49	55	57	50	46	49	48	44	55	47	42	39	37	38	41	39.3		
Storm Lake	8	MAX	52	42	46	76	50	58	48	48	43	50	59	47	62	72	72	72	72	75	64	57	54	63	63	73	75	62	62	46	44	46	58.4	
		MIN	33	31	31	33	29	34	37	33	18	19	30	27	28	45	49	47	53	53	43	42	48	48	47	47	56	46	42	40	40	39	38.9	
Washta	7	MAX	51	43	49	77	53	63	49	47	45	54	61	48	65	75	75	76	74	76	61	63	55	68	66	76	75	63	61	45	44	46	60.1	
		MIN	36	31	35	29	30	36	35	28	17	19	23	26	28	44	51	49	56	52	40	38	48	49	46	52	41	39	40	39	40	38.1		

				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW						
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
		DAY OF MONTH																																
NORTH CENTRAL DIVISION																																		
Algona 3 W	6	MAX	51	42	42	77	46	49	54	45	37	46	60	45	61	75	76	76	80	79	77	62	57	65	65	73	78	60	59	44	44	48	59.1	
		MIN	37	32	27	27	27	33	33	29	16	17	26	21	19	43	44	43	51	55	48	48	41	41	41	42	54	44	42	39	39	39	36.6	
Allison	7	MAX	46	45	42	77	44	41	55	46	40	45	62	46	55	70	71	76	80	78	79	59	59	68	63	69	78	72	59	47	47	48	58.9	
		MIN	36	30	28	30	27	32	34	32	18	18	31	22	22	40	42	46	51	54	56	47	46	48	44	46	56	49	42	41	40	40	38.3	
Britt	7	MAX	45	41	40	75	42	44	53	43	38	48	58	45	57	72	74	76	79	77	76	61	57	66	64	72	78	65	59	43	44	47	58.0	
		MIN	35	29	25	26	26	31	34	27	16	16	25	18	18	42	44	45	51	52	46	48	44	41	42	43	54	43	40	38	38	39	35.9	
Charles City	22	MAX	42	38	75	51	37	52	44	38	43	59	47	54	68	69	75	78	77	77	62	59	66	62	67	76	70	58	47	45	48	46	57.7	
		MIN	30	29	26	28	27	36	34	28	19	36	29	23	41	44	44	52	53	51	52	46	45	44	41	53	55	47	41	39	39	42	39.1	
Clarion	7	MAX	50	43	42	77	46	48	55	45	39	48	62	45	59	73	74	76	79	77	78	64	60	68	64	72	80	67	61	45	46	48	59.7	
		MIN	37	31	29	29	27	31	35	28	17	19	26	19	19	42	45	45	53	52	48	48	42	44	41	43	56	40	42	42	41	41	37.1	
Dakota City	8	MAX	52	44	45	77	47	49	54	45	40	48	62	47	60	73	73	74	78	78	76	75	61	60	67	64	72	79	62	63	45	46	47	59.5
		MIN	37	31	31	27	29	32	35	29	18	26	29	21	21	45	44	45	53	56	47	47	41	43	40	46	54	42	42	42	40	40	37.8	
Forest City 2 NNE	7	MAX	45	41	38	76	42	42	52	43	36	45	59	44	57	72	73	75	79	77	77	60	57	65	61	71	76	64	60	44	42	48	57.4	
		MIN	35	29	26	26	26	31	33	28	17	17	26	24	22	42	44	45	52	53	53	48	40	40	42	55	48	40	38	38	37	36.5		
Hampton	7	MAX	47	46	42	76	47	44	56	45	40	46	64	47	58	71	73	76	80	78	78	61	60	70	67	70	78	69	60	45	47	48	59.6	
		MIN	37	32	29	28	26	30	35	29	18	18	30	22	22	44	41	41	47	48	52	48	40	45	38	41	53	47	42	41	41	41	36.9	
Mason City	7	MAX	47	44	40	78	44	41	53	44	38	45	61	46	57	71	73	76	79	78	79	60	58	69	64	70	78	68	59	45	44	49	58.6	
		MIN	37	31	28	29	27	30	35	29	18	19	29	23	23	42	43	42	50	50	53	49	41	41	40	41	55	53	42	39	39	40	37.3	
Mason City Airport	24	MAX	45	40	78	44	41	55	45	39	46	62	45	57	71	74	78	80	78	80	59	59	69	71	78	67	60	46	45	49	46	59.1		
		MIN	28	24	26	24	27	34	34	19	14	35	20	17	42	43	42	52	50	54	52	42	37	42	35	54	53	45	41	39	41	36.8		
Northwood	7	MAX	M	M	M	M	M	M	50	M	M	M	58	M	M	M	M	M	M	M	76	77	59	56	65	61	68	74	67	56	43	41	47	M
		MIN	M	M	M	M	M	M	32	M	M	M	27	M	M	M	M	M	M	M	51	51	47	36	37	36	38	53	48	39	37	36	36	M
Osage	7	MAX	44	43	39	75	41	39	51	43	36	44	59	43	54	70	71	76	78	76	78	60	58	67	67	68	75	70	56	45	44	49	57.3	
		MIN	35	27	27	27	26	30	33	28	18	23	28	22	24	41	45	47	52	54	55	47	43	43	42	46	55	51	40	38	37	37	37.4	
Swea City 4 W	7	MAX	49	M	43	77	M	M	M	M	M	M	M	M	M	M	74	75	M	M	M	M	65	66	63	M	72	75	65	54	M	42	51	M
		MIN	M	30	28	M	M	M	M	18	M	M	M	M	M	M	43	44	M	M	M	M	49	45	46	39	M	50	45	M	37	38	38	M
NORTHEAST DIVISION																																		
Cascade	7	MAX	50	47	39	78	44	44	50	46	39	44	52	42	54	64	67	73	80	81	81	56	68	66	61	68	78	78	56	48	49	50	58.4	
		MIN	34	31	28	31	25	25	33	33	21	24	35	25	26	37	41	45	48	48	48	44	44	44	39	43	51	48	43	44	41	41	37.3	
Cresco 1 NE	7	MAX	43	46	36	75	44	39	53	47	39	44	64	48	54	68	72	77	82	80	81	58	66	71	65	69	77	74	56	50	46	52	59.2	
		MIN	31	25	25	25	21	27	27	29	14	23	29	17	21	42	35	41	44	46	50	43	39	42	36	51	56	48	40	40	37	38	34.7	
Decorah	16	MAX	45	43	75	72	44	52	48	45	41	62	64	54	63	69	73	79	80	79	78	66	69	68	67	77	76	73	53	45	51	51	62.1	
		MIN	33	26	26	29	23	35	32	29	16	36	31	20	40	41	45	52	49	45	53	46	43	49	37	53	56	47	42	40	39	39	38.4	
Dubuque Lock & Dam 11	6	MAX	50	46	37	76	36	42	48	48	39	41	51	51	53	58	66	70	79	81	54	69	66	61	67	76	76	79	53	49	47	49	57.4	
		MIN	36	29	29	31	27	27	34	34	25	25	37	29	29	39	38	46	45	53	52	45	45	50	43	42	50	49	43	43	41	41	38.6	
Dubuque Airport	24	MAX	46	38	75	42	40	50	47	40	40	50	47	51	61	65	73	79	79	78	62	67	65	61	65	74	76	55	47	46	49	47	57.2	
		MIN	29	26	24	25	25	36	32	27	21	35	28	22	35	39	45	52	53	54	47	43	44	47	41	51	54	43	42	40	42	42	38.1	

APRIL 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW									
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avg
Elkader 6 SSW	7	MAX	47	46	38	76	42	40	51	45	39	41	61	46	53	63	67	74	79	80	80	58	67	68	61	67	76	76	54	47	46	49	57.9		
		MIN	29	28	22	27	20	24	31	31	17	18	32	18	20	38	42	45	43	41	43	40	39	42	37	37	53	49	42	42	39	39	34.3		
Fayette	7	MAX	45	46	38	76	45	39	52	47	38	42	62	46	53	64	69	75	80	81	81	59	65	68	62	67	76	76	57	46	46	49	58.3		
		MIN	32	28	26	27	25	26	31	31	17	19	30	21	21	38	42	46	52	52	53	44	45	48	45	48	53	51	42	41	39	39	37.1		
Guttenberg L & D 10	24	MAX	48	38	78	52	39	52	46	42	42	61	48	52	61	66	72	77	79	80	87	68	67	64	67	77	79	61	52	47	52	49	59.4		
		MIN	33	30	30	33	27	39	33	31	26	38	34	28	41	40	44	49	52	52	52	47	47	51	45	52	61	47	45	43	41	44	41.2		
Manchester #2	7	MAX	48	46	41	76	43	40	51	46	39	43	58	47	54	63	67	75	79	80	79	57	67	66	60	67	75	78	54	47	45	48	58.0		
		MIN	31	29	27	29	23	28	32	32	19	25	32	20	25	38	44	47	51	46	50	43	39	44	38	44	54	48	42	42	39	40	36.7		
New Hampton	8	MAX	42	43	36	74	40	42	51	42	36	42	60	44	53	66	69	75	80	80	79	56	63	67	62	67	75	71	58	45	44	48	57.0		
		MIN	32	27	25	27	23	26	30	29	18	23	29	20	22	40	41	42	43	52	52	45	45	45	41	45	53	50	41	40	38	38	36.1		
Oelwein 1 E	7	MAX	46	47	39	77	45	42	52	46	40	43	62	48	56	65	70	76	82	81	81	59	64	67	61	68	76	78	57	47	47	49	59.0		
		MIN	33	28	24	27	24	29	29	31	16	17	30	23	23	37	43	46	51	55	53	44	47	48	44	44	51	50	41	41	39	40	36.9		
Postville	7	MAX	44	45	36	74	44	39	51	46	36	40	62	47	52	62	67	73	79	79	79	58	68	70	64	67	71	76	57	49	44	50	57.6		
		MIN	33	31	26	26	23	24	30	25	16	17	29	21	26	38	40	43	49	52	51	44	39	41	41	45	50	49	41	40	39	38	35.6		
Stanley 4 W	7	MAX	45	46	39	76	43	39	51	46	39	43	61	47	55	65	69	75	82	81	80	57	64	67	60	68	77	76	56	47	48	48	58.3		
		MIN	29	29	26	27	25	27	31	31	17	19	31	17	18	37	41	45	51	51	51	44	42	47	38	47	52	51	41	41	39	40	36.2		
Tripoli	7	MAX	45	46	40	78	44	40	54	46	41	43	63	48	56	67	70	76	80	79	79	57	65	68	64	68	77	75	58	47	47	49	59.0		
		MIN	33	28	28	28	27	28	28	31	18	19	29	21	21	40	43	47	53	54	55	46	46	48	42	47	53	52	42	42	40	39	37.6		
Waterloo Airport	24	MAX	48	42	79	45	41	55	46	43	45	63	48	56	68	70	76	80	79	79	61	63	67	61	69	78	76	59	48	50	49	47	59.7		
		MIN	30	28	27	27	28	36	34	23	16	38	29	19	39	41	45	50	49	51	47	45	43	42	39	55	55	45	43	43	42	44	38.4		
WEST CENTRAL DIVISION																																			
Audubon	8	MAX	52	43	48	80	52	61	50	50	47	52	62	48	61	72	72	75	75	76	62	63	58	65	63	74	80	68	70	51	49	47	60.9		
		MIN	34	30	29	32	33	37	29	27	13	24	29	18	19	43	46	46	51	56	43	43	48	48	37	46	53	44	43	42	41	41	37.5		
Battle Creek 3 NE	8	MAX	51	43	50	78	52	64	47	50	47	54	64	49	64	75	74	75	74	76	62	63	56	65	66	75	78	62	69	49	45	46	60.8		
		MIN	32	29	31	30	31	31	26	25	14	23	26	17	32	45	48	50	57	52	38	41	48	47	43	53	50	40	40	41	40	40	37.3		
Carroll	7	MAX	52	45	48	80	52	60	52	50	45	52	63	48	64	74	74	76	75	77	64	64	58	65	64	75	81	68	70	49	53	47	61.5		
		MIN	36	31	31	33	32	36	34	29	16	17	29	19	24	46	43	44	52	52	43	43	48	48	43	43	53	43	42	42	41	41	37.8		
Castana Exp. Farm	7	MAX	52	44	50	79	53	65	48	48	47	57	64	47	64	75	74	75	73	75	62	62	52	66	65	75	77	67	71	51	46	46	61.0		
		MIN	34	31	37	31	31	36	32	28	18	22	30	27	36	46	47	55	55	52	40	40	49	46	45	47	50	45	42	42	40	41	39.2		
Denison	7	MAX	50	42	47	79	52	60	47	47	44	54	63	45	61	72	71	75	71	75	62	62	52	63	66	72	79	64	68	49	48	45	59.5		
		MIN	34	33	34	31	30	35	30	26	17	18	28	25	28	42	47	47	54	54	39	39	47	47	45	45	50	44	40	40	39	39	37.6		
Guthrie Center	8	MAX	53	45	49	81	53	59	53	52	47	56	65	49	63	73	74	77	78	79	66	64	62	66	63	74	81	72	70	51	54	49	62.6		
		MIN	37	28	29	33	31	38	38	28	16	26	29	18	30	44	39	52	52	54	44	44	47	49	38	43	56	44	43	44	42	42	38.6		
Holstein	22	MAX	41	47	77	54	61	50	46	44	52	60	49	63	75	75	74	73	76	66	60	55	64	62	75	77	60	64	53	43	45	44	44	59.5	
		MIN	29	29	33	28	34	34	29	24	19	42	25	28	42	47	48	55	53	46	37	46	47	45	45	56	49	41	39	39	38	39	38.9		
Little Sioux 2 NW	7	MAX	55	47	54	85	56	70	56	54	51	57	67	50	66	80	78	79	77	58	63	53	68	65	77	80	69	72	57	48	48	63.9			
		MIN	34	27	35	32	32	39	28	24	18	18	23	20	30	41	45	48	57	50	40	40	50	47	45	45	42	42	42	42	37.9				
Logan	8	MAX	55	44	54	82	56	69	55	54	51	57	67	50	66	76	75	77	75	77	63	64	54	66	67	78	80	71	73	58	49	48	63.7		
		MIN	34	30	34	36	37	40	29	27	19	19	28	25	29	46	49	54	56	56	43	46	51	48	44	46	52	48	46	42	43	43	40.0		

				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW						
STATION	OBS	TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
Mapleton #2	7	MAX	51	43	49	77	53	65	47	48	47	54	61	47	64	75	74	75	74	76	62	62	52	66	66	77	78	65	70	50	45	46	60.6	
		MIN	34	31	35	31	30	37	28	25	16	17	27	22	27	43	46	49	55	51	39	39	48	46	46	46	50	42	42	41	40	40	37.4	
Rockwell City	7	MAX	52	44	47	78	52	55	51	48	44	52	63	49	63	74	74	76	77	77	68	59	60	67	65	74	80	64	67	49	51	49	61.0	
		MIN	35	31	33	30	30	35	35	29	19	19	27	23	26	43	42	42	51	53	45	45	48	49	41	43	55	44	43	43	41	42	38.1	
Sac City	7	MAX	52	44	48	76	51	59	50	48	44	51	63	47	63	73	74	76	75	77	65	59	57	64	63	75	77	63	67	46	45	47	60.0	
		MIN	34	30	31	31	30	34	34	29	18	19	28	21	23	44	45	44	50	55	43	42	47	47	39	54	52	42	40	41	39	39	37.5	
Sioux City Airport	24	MAX	46	53	80	57	68	53	51	50	57	64	51	69	80	78	78	75	77	55	65	56	71	66	78	73	66	69	54	48	49	49	62.9	
		MIN	32	35	36	36	39	35	30	27	19	41	26	25	46	51	48	52	49	47	36	47	48	37	46	56	47	42	45	44	43	45	40.3	
CENTRAL DIVISION																																		
Ames Airport	24	MAX	47	46	81	51	51	57	50	46	48	66	50	58	71	72	76	79	78	77	64	65	67	61	72	80	75	69	50	57	49	49	62.1	
		MIN	32	29	31	30	30	39	37	28	18	38	27	20	34	43	41	50	50	55	48	46	43	42	39	54	53	46	44	44	44	44	39.3	
Ames 8 WSW	16	MAX	52	45	80	77	48	55	48	45	46	64	60	56	70	71	73	78	77	77	66	61	64	66	71	78	79	71	67	53	52	48	63.3	
		MIN	34	31	31	31	30	40	36	29	19	38	30	24	39	42	44	52	54	58	46	48	46	48	42	53	56	47	43	44	42	42	40.6	
Ames 5 SE	6	MAX	52	46	44	80	50	50	55	48	44	47	65	48	58	70	71	75	78	77	76	63	63	66	60	71	79	73	68	49	55	48	61.0	
		MIN	36	31	31	34	31	32	37	31	21	21	34	22	23	39	44	45	52	53	48	46	45	47	40	44	55	47	43	43	43	38.7		
Ankeny	8	MAX	55	47	48	81	51	53	55	50	46	50	65	50	58	70	71	75	78	78	75	63	65	65	59	72	79	75	69	50	55	49	61.9	
		MIN	35	32	32	34	30	35	37	31	20	21	33	23	24	39	46	46	51	59	46	46	46	48	39	45	58	48	43	44	42	39.2		
Boone	8	MAX	55	48	47	80	51	51	56	49	47	48	64	50	59	71	72	75	78	77	76	64	61	69	62	72	80	72	67	48	58	49	61.9	
		MIN	35	31	30	32	31	33	36	28	20	20	29	22	27	44	45	49	50	54	45	46	44	47	40	45	56	46	42	42	42	38.4		
Des Moines Airport	24	MAX	50	49	83	55	56	57	52	50	51	67	52	61	72	74	78	80	80	76	65	65	69	61	75	81	76	71	54	60	51	51	64.1	
		MIN	33	32	35	39	35	40	37	31	25	45	36	30	40	47	51	58	60	58	49	51	49	50	45	58	59	53	45	46	46	45	44.3	
Des Moines Camp Dodge	24	MAX	47	48	82	53	55	57	49	47	49	66	51	60	71	72	76	79	78	75	64	64	67	59	73	81	75	70	53	57	49	48	62.5	
		MIN	32	29	37	35	34	38	36	29	23	43	32	26	42	48	50	57	58	55	45	50	49	48	45	53	55	50	44	44	44	44	42.5	
Eldora	7	MAX	48	45	42	79	46	45	57	45	41	46	63	47	57	70	71	77	79	78	77	64	61	68	61	71	80	72	64	46	50	48	59.9	
		MIN	35	30	29	30	27	31	35	29	19	19	28	21	33	42	42	43	53	53	51	47	44	44	40	45	53	48	42	41	41	37.9		
Fort Dodge 5 NNW	7	MAX	51	42	43	78	48	50	53	45	45	48	62	46	60	73	74	74	78	77	76	60	60	66	64	72	79	64	63	46	48	47	59.7	
		MIN	36	31	31	30	27	32	35	29	19	19	29	22	22	44	41	42	48	50	46	46	43	45	38	38	54	42	43	42	40	36.8		
Grinnell 3 SW	7	MAX	51	48	43	79	50	48	56	46	44	46	60	49	56	67	69	74	78	77	76	66	62	63	56	68	78	74	64	50	56	49	60.1	
		MIN	38	32	26	33	27	29	37	32	17	18	32	17	17	38	42	44	51	54	54	48	43	45	37	49	53	44	44	43	42	44	37.7	
Grundy Center	8	MAX	47	46	42	79	45	45	56	47	40	47	64	47	56	69	70	76	79	79	79	63	64	69	60	70	79	74	62	47	52	49	60.1	
		MIN	34	31	27	29	26	30	36	30	17	18	30	20	21	40	41	46	49	53	53	46	42	46	39	48	54	47	43	42	42	37.4		
Iowa Falls	7	MAX	47	46	45	77	45	44	55	45	39	45	63	46	56	69	70	74	78	77	76	64	60	68	63	70	78	71	62	46	48	48	59.2	
		MIN	36	32	28	28	28	31	35	29	18	19	30	20	20	41	44	45	53	54	50	48	42	45	39	43	53	46	42	41	41	37.4		
Marshalltown	7	MAX	50	48	42	80	48	46	56	46	42	47	62	48	57	69	71	77	79	79	78	68	64	68	59	70	80	75	66	48	54	49	60.9	
		MIN	37	32	30	30	28	31	37	31	19	20	32	22	22	43	45	46	53	56	53	48	44	45	38	43	54	47	44	43	43	38.6		
Marshalltown Airport	24	MAX	48	43	80	48	47	57	47	43	47	64	49	57	69	71	77	80	78	78	68	64	69	58	69	80	74	66	48	54	49	61.0		
		MIN	32	28	29	29	27	38	37	24	17	39	25	19	41	42	45	51	55	54	51	44	43	43	38	54	49	46	43	45	43	39.1		
Newton	7	MAX	54	48	44	80	50	52	56	47	45	47	64	49	49	57	70	71	77	78	80	79	67	65	69	58	71	80	76	69	50	57	50	62.0
		MIN	37	32	33	32	29	29	37	32	20	20	33	27	27	38	41	44	52	52	49	49	44	44	44	44	53	49	43	43	44	43	38.8	

APRIL 2016				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW					
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Perry	7	MAX	54	46	48	81	52	57	55	52	47	51	64	50	62	73	75	76	79	78	74	61	63	68	61	74	82	75	71	51	55	49	62.8
		MIN	37	32	32	33	33	36	37	31	19	19	32	23	23	42	42	47	55	59	45	45	50	49	42	44	58	47	44	44	43	43	39.5
Toledo 3 N	7	MAX	49	47	42	80	47	45	56	47	42	46	64	48	56	67	70	76	79	79	78	67	64	67	58	69	79	76	65	48	54	49	60.5
		MIN	37	32	28	30	28	28	35	31	18	18	30	22	22	38	43	45	53	55	54	43	43	46	42	49	53	48	43	43	42	42	38.0
Webster City	7	MAX	52	45	45	79	47	48	54	48	42	48	62	47	57	71	72	73	77	79	77	64	60	68	64	72	78	70	66	46	50	48	60.3
		MIN	35	31	27	29	26	32	34	28	17	18	28	16	20	41	42	44	51	52	47	47	47	43	38	39	54	42	42	41	40	41	36.4
EAST CENTRAL DIVISION																																	
Anamosa 3 SSW	7	MAX	49	47	41	77	47	40	51	47	42	43	52	49	53	63	66	75	78	79	78	59	65	64	60	65	74	76	60	48	49	48	58.2
		MIN	34	30	27	30	27	27	33	33	22	22	36	25	24	35	40	45	52	51	54	45	43	43	44	44	52	48	43	42	41	41	37.8
Belle Plaine	7	MAX	50	48	43	80	48	46	56	47	43	46	55	49	56	67	70	78	80	81	80	68	65	67	61	70	78	76	64	49	55	50	60.9
		MIN	38	31	26	33	26	29	37	33	20	20	33	24	25	38	42	48	53	55	56	47	44	48	42	53	55	46	44	43	44	39.2	
Bellevue Lock & Dam 12	6	MAX	53	47	40	79	39	44	50	47	41	42	52	49	53	61	66	74	81	79	81	60	69	68	62	67	67	80	56	49	49	51	58.5
		MIN	35	30	27	29	25	27	36	35	25	26	34	26	25	40	44	48	48	48	48	49	48	45	43	44	50	51	45	44	42	43	38.7
Cedar Rapids Airport	24	MAX	48	42	81	51	45	55	47	43	45	56	50	55	66	70	77	81	81	79	61	66	66	62	68	79	79	62	49	54	51	49	60.6
		MIN	30	25	25	26	24	38	33	26	18	38	26	22	37	39	42	48	50	51	48	46	43	46	46	52	53	45	43	45	43	44	38.4
Cedar Rapids #1	17	MAX	48	46	80	77	45	52	52	45	44	55	53	55	66	69	76	80	81	79	76	63	68	65	71	78	81	80	62	54	54	49	63.5
		MIN	35	31	28	32	26	38	34	35	19	37	34	23	37	38	43	48	50	49	57	45	41	47	45	53	58	47	42	43	42	40.0	
Clinton #1	18	MAX	49	46	79	76	43	49	49	46	43	53	51	53	64	68	77	82	83	82	79	65	67	61	67	79	81	79	56	51	50	49	62.6
		MIN	37	31	27	34	27	39	34	33	24	37	37	25	35	39	44	50	50	51	53	48	46	46	41	49	62	48	43	45	42	44	40.7
Coggon	6	MAX	48	47	39	76	44	40	51	45	40	43	56	47	54	67	67	75	79	81	79	57	66	64	61	68	76	77	57	47	48	48	58.2
		MIN	33	29	26	29	23	24	32	32	20	20	33	23	22	36	38	40	47	47	47	43	39	41	38	45	50	48	42	42	40	40	35.6
Davenport Airport	24	MAX	49	43	80	47	46	52	48	44	45	55	51	54	65	70	79	84	84	82	65	68	67	61	67	79	82	60	50	54	53	49	61.1
		MIN	29	27	24	26	26	39	34	28	20	38	27	21	33	38	45	48	50	50	47	45	46	40	50	59	45	44	46	43	44	38.7	
Iowa City	7	MAX	53	50	44	81	50	47	56	49	45	47	57	51	57	67	71	78	83	83	81	62	66	65	69	80	80	63	51	56	52	62.0	
		MIN	36	31	25	29	24	28	36	36	24	26	36	24	23	33	40	43	50	50	54	47	41	42	43	46	51	46	45	44	45	44	38.1
Iowa City Airport	24	MAX	49	44	81	56	47	56	48	45	46	57	50	55	65	69	77	80	81	79	63	65	66	64	68	79	79	62	51	56	53	49	61.3
		MIN	30	29	26	31	27	40	36	29	22	38	28	26	33	37	46	51	50	52	50	46	41	45	44	51	57	46	43	47	44	44	39.6
Le Claire L & D 14	6	MAX	59	49	43	79	43	48	53	48	44	42	53	50	55	63	68	76	80	81	79	63	66	67	62	67	78	82	60	51	54	53	60.5
		MIN	39	33	32	32	29	29	36	35	25	25	41	29	29	36	41	47	51	54	54	44	50	48	45	45	53	56	45	45	43	43	40.5
Lowden	24	MAX	49	42	80	48	42	52	49	43	45	54	50	55	65	68	77	81	81	82	67	68	62	67	78	80	60	49	52	50	48	60.2	
		MIN	29	25	25	25	22	39	34	24	20	38	26	23	31	36	41	47	48	48	50	46	43	44	40	47	58	47	44	45	42	44	37.7
Maquoketa 4 W	7	MAX	52	47	40	78	40	41	50	47	41	43	52	48	52	63	68	77	82	82	81	59	67	67	61	66	79	79	57	47	49	49	58.8
		MIN	33	29	24	27	21	21	32	32	22	22	34	24	24	32	36	42	47	48	50	45	43	43	38	39	48	48	43	43	41	41	35.7
Muscatine	6	MAX	59	50	44	81	49	50	54	50	46	47	54	51	57	67	67	79	82	83	83	68	67	68	63	69	80	81	62	55	58	53	62.6
		MIN	39	30	27	34	30	30	35	35	25	25	40	28	31	39	39	47	55	50	51	49	43	45	46	46	54	52	46	45	44	44	40.1
Vinton	7	MAX	49	48	41	80	46	43	55	46	42	45	60	48	55	66	70	75	79	80	79	62	64	67	58	68	78	77	61	48	52	51	59.8
		MIN	34	31	26	31	26	29	33	34	19	19	32	21	23	39	40	47	51	56	56	45	43	47	43	52	55	49	44	42	42	41	38.3
Williamsburg 1 E	7	MAX	51	48	43	81	49	48	56	49	44	47	58	50	57	68	71	78	82	82	80	68	65	63	60	70	80	79	64	50	58	49	61.6
		MIN	36	30	26	32	25	25	35	34	19	19	34	22	21	37	38	43	51	53	54	47	44	47	39	44	52	46	44	43	43	43	37.5

APRIL 2016				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW						
STATION	OBS TIME			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
SOUTHWEST DIVISION																																		
Atlantic 1 NE	7	MAX	53	47	53	81	57	63	53	54	52	52	65	52	62	73	73	75	76	76	64	62	58	66	65	75	81	71	71	54	50	48	62.7	
		MIN	34	29	30	32	31	37	25	26	14	14	26	18	19	42	47	48	55	57	44	44	49	49	39	43	55	50	44	42	42	37.6		
Bedford	7	MAX	53	46	57	82	58	63	55	58	54	54	63	53	60	70	72	74	74	76	64	57	61	66	65	75	81	73	71	66	52	50	63.4	
		MIN	36	29	32	37	38	38	31	29	22	22	27	21	27	36	42	50	56	57	47	47	47	49	45	47	56	53	49	44	44	43	40.0	
Clarinda	6	MAX	56	47	56	81	59	66	56	58	55	56	62	54	62	72	72	74	73	75	64	59	61	64	63	75	80	73	70	63	51	50	63.6	
		MIN	37	29	32	38	37	39	31	31	22	27	37	23	23	39	39	49	58	58	48	47	49	50	40	47	57	54	50	44	44	44	40.8	
Glenwood	6	MAX	56	47	56	82	60	70	58	57	54	57	67	53	66	76	75	77	74	75	61	61	60	65	67	79	83	73	75	64	52	49	65.0	
		MIN	37	29	36	44	40	40	35	35	23	22	34	26	26	40	49	50	58	59	48	46	50	51	46	46	55	52	51	44	44	44	42.0	
Greenfield	8	MAX	53	46	54	81	56	59	53	52	49	53	63	50	60	70	71	74	74	75	64	63	60	66	63	74	79	74	70	51	52	48	61.9	
		MIN	35	29	29	34	31	35	32	27	17	26	31	23	33	42	45	53	53	53	45	45	46	49	43	43	56	49	43	43	41	42	39.1	
Oakland	7	MAX	55	45	52	82	57	67	54	54	52	54	66	50	64	76	75	76	75	76	60	60	59	63	65	76	82	73	75	58	50	47	63.3	
		MIN	34	30	33	36	35	37	31	28	18	17	31	27	28	41	44	45	56	56	44	44	49	49	46	46	53	50	46	41	41	42	39.3	
Red Oak	7	MAX	55	51	56	83	60	66	58	57	55	56	68	54	64	74	73	77	75	76	64	62	61	66	68	77	82	74	71	63	52	51	65.0	
		MIN	38	30	32	38	38	40	30	29	21	22	32	25	25	44	48	51	58	59	46	46	51	52	48	49	57	54	50	44	44	44	41.5	
Shenandoah	8	MAX	58	48	58	84	61	69	54	60	57	57	67	55	64	74	74	76	75	75	63	61	63	66	66	78	82	74	72	66	51	51	65.3	
		MIN	38	31	37	38	40	41	38	31	24	27	33	27	33	46	50	55	58	59	48	48	50	51	48	51	57	52	51	44	44	45	43.2	
Sidney 1 SSE	7	MAX	56	45	56	83	60	70	58	57	55	56	67	53	64	74	74	76	75	75	60	60	60	66	65	78	82	74	72	65	50	48	64.5	
		MIN	36	30	33	38	38	39	36	33	23	23	34	28	28	41	46	48	56	57	48	46	49	51	47	48	56	53	51	43	42	42	41.4	
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	MAX	54	48	48	81	48	57	57	52	49	48	61	52	57	67	68	74	77	78	76	67	65	62	58	70	79	76	65	56	57	50	61.9	
		MIN	37	32	32	36	31	32	37	32	21	22	36	26	33	43	43	48	54	56	55	50	47	48	42	48	55	50	44	45	47	44	40.9	
Allerton	8	MAX	53	48	50	81	53	55	53	54	51	50	62	51	57	68	70	73	76	76	73	67	64	63	59	72	79	76	67	60	55	51	62.2	
		MIN	36	31	32	40	32	33	34	31	20	22	38	29	29	35	41	48	54	57	52	51	46	46	44	44	55	53	46	44	45	44	40.4	
Beaconsfield	7	MAX	53	48	51	80	55	58	53	54	51	51	61	52	59	69	71	74	75	76	69	64	61	64	62	73	78	73	68	60	53	50	62.2	
		MIN	35	29	33	37	33	35	33	30	22	22	34	29	29	36	42	44	54	55	48	47	48	49	44	44	55	53	46	44	44	44	39.9	
Centerville	7	MAX	55	50	50	81	54	55	54	52	51	52	62	53	59	69	72	76	79	80	78	69	67	64	59	73	80	78	68	60	57	54	63.7	
		MIN	37	30	29	40	32	33	35	33	21	30	40	22	22	36	37	49	50	53	55	54	45	44	39	53	58	53	46	44	46	45	40.4	
Chariton 1 E	7	MAX	55	48	49	81	53	54	54	52	49	50	61	51	58	69	70	74	77	78	74	68	63	64	58	72	79	76	69	56	55	50	62.2	
		MIN	36	28	26	39	27	34	36	32	17	17	36	18	18	36	36	49	50	53	53	50	42	46	37	46	55	46	44	46	45	44	38.1	
Creston 2 SW	7	MAX	54	47	51	82	53	59	51	55	51	51	62	51	60	72	72	76	75	76	64	59	59	64	62	74	80	72	70	55	51	51	62.0	
		MIN	35	30	34	36	35	35	32	28	20	20	32	28	28	38	45	45	55	57	46	46	50	50	44	44	44	56	51	44	43	43	43	39.8
Indianola 4 W	7	MAX	55	47	48	82	52	56	55	52	48	51	65	50	61	73	74	78	81	80	76	64	63	65	59	75	83	75	69	53	57	51	63.3	
		MIN	37	30	33	37	30	39	37	31	19	25	34	21	30	42	44	49	53	58	47	47	47	50	39	48	57	49	44	44	45	44	40.3	
Knoxville	8	MAX	54	49	46	80	51	51	56	50	47	50	63	50	58	70	70	75	78	78	78	65	64	64	58	72	79	75	68	52	56	50	61.9	
		MIN	38	31	34	37	31	34	37	32	22	24	34	26	31	44	45	51	57	59	51	49	49	50	46	51	57	49	43	44	43	41.4		
Lamoni	7	MAX	54	48	53	82	57	61	55	55	53	52	64	53	61	72	73	76	77	77	70	67	63	64	64	77	82	77	71	66	56	53	64.4	
		MIN	38	31	34	40	36	37	34	32	23	23	37	31	31	39	45	51	57	59	50	50	48	50	44	44	58	56	48	45	46	46	42.1	

APRIL 2016		OBS	DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW									
STATION	TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avg		
Lamoni Airport	24	MAX	48	53	81	57	60	54	57	53	50	64	54	59	69	70	74	75	75	68	66	62	64	62	74	79	74	70	65	56	52	57	63.4			
		MIN	30	31	37	38	35	35	32	29	22	47	33	29	38	45	48	56	57	53	50	51	48	50	45	56	57	52	46	45	45	46	42.9			
Mount Ayr	8	MAX	53	46	52	80	55	60	54	55	52	54	61	52	59	66	70	71	74	75	65	67	60	64	62	74	82	73	68	63	52	51	62.3			
		MIN	36	29	29	39	34	39	29	30	18	29	33	24	35	39	46	52	55	59	48	51	45	40	39	51	54	53	47	43	44	45	40.5			
Osceola	8	MAX	55	49	51	82	55	57	53	54	54	52	63	52	61	70	73	76	78	78	72	67	63	64	61	75	80	76	70	58	55	51	63.5			
		MIN	36	31	30	38	31	31	35	31	19	19	35	20	25	40	44	49	54	58	50	50	49	50	37	43	57	49	46	45	45	45	39.7			
Rathbun Dam	7	MAX	54	49	50	81	53	52	54	52	50	49	62	52	58	69	70	76	78	78	76	67	65	63	57	72	80	77	68	57	55	51	62.5			
		MIN	36	32	32	40	32	33	37	33	24	26	38	30	34	40	43	49	52	56	54	53	47	49	45	46	55	54	45	45	45	44	41.6			
Winterset 1 S	7	MAX	54	47	48	81	53	55	53	54	49	49	63	50	58	69	70	73	75	75	75	62	62	64	58	72	78	74	67	51	54	48	61.4			
		MIN	34	29	34	34	33	35	33	28	19	28	32	23	23	44	47	50	55	60	44	45	45	48	43	44	55	49	42	43	42	42	39.4			
SOUTHEAST DIVISION																																				
Burlington Airport	24	MAX	49	46	77	60	51	56	50	48	47	53	53	55	64	69	77	80	80	80	72	66	64	66	70	79	82	67	57	59	52	57	62.9			
		MIN	35	32	29	34	30	40	37	30	24	41	36	29	39	41	47	53	55	55	55	51	48	45	47	54	62	48	47	47	47	46	42.8			
Donnellson	7	MAX	59	50	49	79	55	55	55	52	52	49	55	55	57	68	71	78	81	82	81	73	68	66	70	69	81	85	65	59	60	53	64.4			
		MIN	36	34	34	39	32	31	37	35	24	24	40	28	29	41	42	48	53	60	60	53	50	48	48	50	57	54	47	48	48	46	42.5			
Fairfield	8	MAX	55	49	45	80	51	51	56	48	49	50	56	51	57	66	69	75	79	80	80	70	67	62	66	68	79	80	63	56	58	51	62.2			
		MIN	39	33	30	39	30	31	37	34	22	28	37	27	27	40	43	53	53	53	56	50	44	47	43	50	60	53	45	45	45	45	41.3			
Fort Madison	24	MAX	49	48	77	61	50	54	50	49	46	52	53	54	62	66	76	79	80	80	69	64	61	66	66	80	80	65	56	58	51	56	61.9			
		MIN	36	33	32	37	31	41	38	32	25	40	37	31	39	43	48	55	57	58	56	53	47	46	48	52	61	48	46	48	46	44	43.6			
Keokuk Lock & Dam 19	6	MAX	59	49	49	78	53	55	54	50	51	49	55	53	57	66	70	76	79	80	80	70	68	66	70	81	80	64	60	61	54	63.5				
		MIN	39	34	34	39	32	31	39	38	26	25	46	33	32	37	43	48	54	56	56	55	50	47	47	50	56	60	49	49	47	48	43.3			
Keosauqua	7	MAX	57	51	48	79	54	54	57	53	51	52	57	53	57	67	72	78	80	82	80	71	70	62	67	70	81	79	66	61	60	53	64.1			
		MIN	40	32	30	36	31	32	37	34	21	23	39	28	30	35	41	48	53	55	56	53	45	44	43	48	55	53	46	46	45	46	40.8			
Mount Pleasant 1 SSW	7	MAX	56	48	47	78	51	50	54	48	46	48	53	51	57	65	70	76	80	80	80	70	66	64	64	69	79	79	63	56	60	52	62.0			
		MIN	38	31	27	36	30	31	37	37	22	21	40	27	27	37	37	50	54	55	55	49	45	44	44	47	58	51	44	46	46	43	40.3			
Oskaloosa	7	MAX	53	49	46	82	52	51	57	51	47	48	64	51	57	67	70	76	79	80	75	67	66	66	58	69	81	77	64	53	58	52	62.2			
		MIN	39	31	31	35	29	30	37	33	19	21	36	27	27	40	44	52	54	57	54	50	45	48	45	48	54	49	44	44	45	44	40.4			
Ottumwa Airport	24	MAX	50	47	82	54	51	56	50	50	48	60	52	57	68	70	76	80	81	78	68	67	62	61	70	82	79	64	56	58	51	52	62.7			
		MIN	31	27	30	32	28	38	37	27	18	42	28	21	38	42	43	49	53	54	53	48	47	43	39	55	54	49	45	45	46	45	40.2			
Washington	7	MAX	54	50	45	80	54	48	56	50	47	47	55	53	57	65	70	77	80	80	79	72	65	65	65	69	80	78	62	54	59	51	62.2			
		MIN	38	32	27	36	26	28	36	34	21	22	37	23	24	31	38	44	50	51	52	48	43	42	40	45	57	48	45	44	44	38.4				
SUPPLEMENTAL STATIONS																																				
Moline Airport	24	MAX	50	44	79	52	48	55	51	46	46	57	53	56	65	71	79	83	83	83	69	69	68	65	69	81	83	65	52	57	53	51	62.8			
		MIN	35	29	28	27	24	41	36	31	26	39	36	26	29	35	39	44	45	46	52	48	44	44	39	48	63	47	45	46	45	46	39.4			
Omaha Eppley AP	24	MAX	49	57	85	61	71	60	58	56	58	69	54	67	77	76	78	75	76	63	64	59	67	69	80	82	73	76	64	52	50	51	61	65.9		
		MIN	34	36	41	36	41	39	34	29	24	45	27	26	45	49	52	59	59	51	46	52	52	48	49	59	54	52	46	46	45	46	44.1			
Sioux Falls WFO AP	24	MAX	39	49	76	52	63	48	47	43	53	61	46	68	76	76	73	72	73	61	63	58	69	63	75	74	58	54	47	43	51	45	59.2			
		MIN	31	31	37	26	37	33	28	19	19	34	24	21	47	52	53	54	50	42	38	45	44	33	47	56	46	42	38	38	39	42	38.2			

APRIL 2016	OBS	STATION	TIME	'DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW							
				TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Strawberry Point	7	2.02	0.23 0.09	T 0.02		0.37	0.04		0.04		T																					0.60	0.10		
Tripoli	7	2.05	0.13 0.14				0.20	0.05	0.01	T		T																				0.58	0.04		
Waterloo Airport	24	2.60	0.35			0.13	0.08	0.02	T	0.03																					0.47	0.15	0.80		
WEST CENTRAL DIVISION																																			
Audubon	8	3.94	0.14 0.02			T 0.01	T				T																				0.42	0.57	T 0.81		
Battle Creek 3 NE	8	4.24	0.44 T		0.04	T			0.06																					0.19	0.54	T 0.19			
Carroll	7	3.51	0.16 0.01			T 0.01	T																							0.25	0.62	0.86	0.16		
Castana Exp. Farm	7	5.89	0.32			0.02		T		T	T																			0.59	0.87	0.30			
Denison	7	4.00	0.20			T																								0.48	0.80	0.05 0.20			
Guthrie Center	8	3.79	0.09				0.04	0.10		T																			0.60	0.70	T 0.62				
Holly Springs 1 NW	7	6.39	0.31 0.02		0.03																								0.59	0.62	0.02 0.38				
Holstein	7	5.65	0.52				T				T																		0.57	0.84	0.02 0.22				
Little Sioux 2 NW	7	5.84	0.09 0.06		0.01			T		0.04																			0.29	0.90	0.60 0.35				
Logan	8	5.67	0.11			0.02	0.01																					0.17	0.07	0.77 0.51					
Mapleton #2	7	4.92	0.15																										0.44	0.57	T 0.27				
Rockwell City	7	4.13	0.96			T	T	T																						0.15	0.90	0.15			
Sac City	7	3.82	0.42			T	0.04			0.08																			0.08	0.90	0.03 0.06				
Sioux City Airport	24	5.81	0.02			T	T 0.01			T																			0.03	1.35	0.03 T 1.59				
CENTRAL DIVISION																																			
Ames 8 WSW	16	4.08	0.86 0.01		T	0.03	0.05	0.05		T																		0.17	0.38	0.47 0.02 1.22					
Ames 5 SE	6	2.64	0.24 0.08		T	0.19	T 0.10			T																		0.10	0.97	0.05 0.03					
Ankeny	8	3.08	0.24 0.03			T	0.42	T 0.11		0.02																		0.08	0.28	0.74 0.01 0.26					
Boone	8	3.34	0.74 T		T	T 0.02	0.07																					0.31	0.21	0.76 0.04 0.16					
Brooklyn	7	1.87	0.08				0.92				0.16																	0.35	0.03	0.07					
Clutier	7	1.54	0.08 0.11		0.04		0.42	0.01		T	0.04																	0.40	0.14	0.03					
Des Moines Airport	24	3.37	0.02		T	0.58	0.02	0.09		0.02																	0.07	0.05	0.88 0.01 T 0.88						
Des Moines Camp Dodge	24	3.87	0.17		T	0.28	0.01	0.15		0.01																	0.12	0.97	0.04 0.01 1.11						
Eldora	7	2.12	0.20 0.12		T	0.10	0.04																				0.13	0.01	0.67 0.06 0.03						
Fort Dodge 5 NNW	7	2.18	0.60 T		T	T 0.01	T 0.01	T		T																		0.01	0.60	T 0.05					
Gilman	7	1.92	0.22 0.03				0.45	0.02	T		T																	0.05	0.60	T 0.30					
Grinnell 3 SW	7	2.52	0.25 0.03					0.78	0.05	0.02		0.04															0.07	0.01	0.62 0.05 0.06						
Grundy Center	8	1.87	0.18 0.07					0.24				0.02																0.02	0.81	0.04 0.05					
Iowa Falls	7	2.00	0.31 0.01		T	0.06	T 0.05	T		T																		0.20	0.66	0.09 0.02					
Marshalltown	7	2.01	0.05 0.09		T	0.44	T 0.02			0.04																		0.06	0.57	0.10 0.01					
Montezuma 1 W	7	2.00	0.09 0.01				0.98			0.05																		0.02	0.40	0.02 0.12					
Newton	7	2.12	0.22					0.61	0.12		T																	0.08	0.49	T 0.08					
Perry	7	3.54	0.13 0.01		T	0.08																							0.40	0.94	0.05 0.24				
Toledo 3 N	7	1.27	0.09 0.07		T	0.33	T	T		T																			0.43	0.06	0.03				
Webster City	7	1.76	0.43			0.02	0.08	T 0.08		T																	0.08	0.42	0.05 0.05						
Zearing	7	1.96	0.24 0.06				0.14	0.05																				0.16	0.50	0.10 0.10					
EAST CENTRAL DIVISION																																			
Anamosa 3 SSW	7	2.44	0.04 0.16				0.97	0.05	0.02	T	0.27																		0.44	0.14	0.02				
Belle Plaine	7	2.32	0.08 0.07				0.78	T		0.02																			0.32	0.14					
Bellevue Lock & Dam 12	6	2.42	0.11 0.07				1.00	0.09	0.02	0.04	0.18																	0.44	0.03						
Cedar Rapids #1	17	3.37	0.17			T	1.10		I	0.41																		0.32	0.40	T 0.92					
Clinton #1	18	3.58	0.05		T	0.61	0.04		0.12																			0.34	0.24	0.85					
Coggon	6	2.21	0.04 0.22				0.75	0.14	0.03																			0.04	0.05	0.02 0.06					
Davenport Airport	24	2.42	0.01 T		T	T 0.15	0.08	T 0.01		0.12																	0.67	0.01	0.24						
De Witt	8	2.16	0.03 0.04				0.38	0.08	0.01	I	0.12																0.08	0.15	0.37 0.52						
Iowa City	7	1.54	0.01 0.03				0.39	0.04	0.02		0.04																0.02	0.03	0.09 0.10						
Le Claire L & D 14	6	2.11	0.27 0.04				0.24	0.04	0.02	0.01	0.06															0.23	0.47	0.04 0.12							
Lowden	24	3.16	0.17		T	0.46	0.29	T 0.02		0.10																0.01	0.40	0.01 0.31							
Maquoketa 4 W	7	2.04	0.13 0.16				0.79	0.10	0.02	0.01	0.08															0.02	0.24	0.03 0.21							
Monticello	7	2.58	0.05 0.17				1.03	0.11	0.01	I	0.09	0.04														0.07	0.11	0.09 0.55							
Muscatine	6	1.90	0.02				0.10	0.04	0.02		0.22																0.22	0.05	0.05 0.40						
																													0.06	0.62	0.10 0.10				

APRIL 2016		DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																		IOWA CLIMATE REVIEW												
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
NORTHWEST DIVISION																																
Cherokee	8	SNOWFALL	T		T																											
		SNOW ON GROUND																														
Orange City	7	SNOWFALL	T		T																											
		SNOW ON GROUND																														
Sioux Center 2 SE	16	SNOWFALL	T	T																												
		SNOW ON GROUND																														
Sioux Rapids 4 E	22	SNOWFALL	T	T																												
		SNOW ON GROUND																														
Spencer 1 N	24	SNOWFALL	T	T																												
		SNOW ON GROUND																														
Storm Lake	8	SNOWFALL	T	T																												
		SNOW ON GROUND																														
NORTH CENTRAL DIVISION																																
Algona 3 W	6	SNOWFALL	T																T													
		SNOW ON GROUND																														
Allison	7	SNOWFALL	T															I														
		SNOW ON GROUND																														
Britt	7	SNOWFALL	T														T	T														
		SNOW ON GROUND																														
Charles City	7	SNOWFALL	T													T		T														
		SNOW ON GROUND																														
Clarion	7	SNOWFALL	T														I															
		SNOW ON GROUND																														
Forest City 2 NNE	7	SNOWFALL	T														T															
		SNOW ON GROUND																														
Mason City Airport	24	SNOWFALL	T														T															
		SNOW ON GROUND																														
Nashua 2 SW	7	SNOWFALL	T														T															
		SNOW ON GROUND																														
Northwood	7	SNOWFALL	T														T	M														
		SNOW ON GROUND																														
Osage	7	SNOWFALL	T														T															
		SNOW ON GROUND																														
NORTHEAST DIVISION																																
Cascade	7	SNOWFALL	T														T															
		SNOW ON GROUND																														
Cresco 1 NE	7	SNOWFALL	T	T													T															
		SNOW ON GROUND																														

APRIL 2016		STATION INDEX			IOWA CLIMATE REVIEW			APRIL 2016		STATION INDEX			IOWA CLIMATE REVIEW						
STATION NAME	DIV	COUNTY	COORDINATES			ELEV			STATION NAME	DIV	COUNTY	COORDINATES			ELEV				
			LATITUDE			DEG MIN SEC						LATITUDE			DEG MIN SEC				
DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC		
Akron	NW	Plymouth	42	49	37	96	33	21	1125	Davenport Airport	EC	Scott	41	36	42	90	34	54	748
Albia 3 NNE	SC	Monroe	41	3	56	92	47	12	890	Decorah	NE	Winneshiek	43	18	15	91	47	43	860
Algona 3 W	NC	Kossuth	43	4	6	94	18	19	1230	Denison	WC	Crawford	42	2	11	95	19	44	1401
Allerton	SC	Wayne	40	42	15	93	22	11	1110	Des Moines Airport	C	Polk	41	32	2	93	39	11	957
Allison	NC	Butler	42	45	13	92	48	8	1048	Des Moines Camp Dodge	C	Polk	41	44	12	93	43	25	959
Ames Airport	C	Story	41	59	26	93	37	8	955	De Witt	EC	Clinton	41	48	39	90	32	26	685
Ames 8 WSW	C	Boone	42	1	15	93	46	27	1099	Donnellson	SE	Lee	40	38	45	91	33	50	705
Ames 5 SE	C	Story	41	57	7	93	33	56	870	Dubuque L & D 11	NE	Dubuque	42	32	24	90	38	46	620
Anamosa 3 SSW	EC	Jones	42	5	35	91	18	7	906	Dubuque Airport	NE	Dubuque	42	23	52	90	42	13	1056
Ankeny	C	Polk	41	43	6	93	34	27	940	Eldora	C	Hardin	42	21	55	93	5	50	1144
Atlantic 1 NE	SW	Cass	41	25	3	95	0	14	1148	Elkader 6 SSW	NE	Clayton	42	46	31	91	27	13	788
Audubon	WC	Audubon	41	42	25	94	55	20	1280	Emmetsburg	NW	Palo Alto	43	6	9	94	41	0	1260
Battle Creek 3 NE	WC	Ida	42	22	12	95	34	30	1380	Estherville Airport	NW	Emmet	43	24	4	94	44	50	1317
Beaconsfield	SC	Ringgold	40	48	25	94	2	51	1215	Estherville 4 E	NW	Emmet	43	24	13	94	44	50	1320
Bedford	SW	Taylor	40	40	27	94	43	28	1190	Everly 3 WNW	NW	Clay	43	11	0	95	22	59	1365
Belle Plaine	EC	Benton	41	52	53	92	16	35	810	Fairfield	SE	Jefferson	41	1	16	91	57	19	746
Bellevue L & D 12	EC	Jackson	42	15	40	90	25	23	603	Fayette	NE	Fayette	42	51	1	91	48	57	1130
Bloomfield 1 WNW	SE	Davis	40	45	35	92	26	22	812	Forest City 2 NNE	NC	Winnebago	43	17	4	93	37	50	1276
Boone	C	Boone	42	2	30	93	53	26	1035	Fort Dodge 5 NNW	C	Webster	42	35	1	94	12	2	1140
Brighton	SE	Washington	41	10	33	91	49	6	609	Fort Madison	SE	Lee	40	37	16	91	19	34	530
Britt	NC	Hancock	43	6	6	93	48	5	1240	Gilman	C	Marshall	41	52	41	92	46	43	1040
Brooklyn	C	Poweshiek	41	44	22	92	26	24	910	Glenwood	SW	Mills	41	3	6	95	44	57	1060
Burlington Airport	SE	Des Moines	40	46	51	91	7	9	692	Greenfield	SW	Adair	41	17	53	94	27	22	1330
Carroll	WC	Carroll	42	3	54	94	51	0	1227	Grinnell 3 SW	C	Poweshiek	41	43	13	92	44	56	912
Cascade	NE	Dubuque	42	17	56	90	59	54	870	Grundy Center	C	Grundy	42	21	53	92	45	34	1045
Castana Exp. Farm	WC	Monona	42	3	48	95	50	11	1450	Guthrie Center	WC	Guthrie	41	40	7	94	29	50	1075
Cedar Rapids Airport	EC	Linn	41	53	0	91	43	0	868	Guttenberg L & D 10	NE	Clayton	42	47	9	91	5	45	618
Cedar Rapids #1	EC	Linn	42	3	0	91	35	17	810	Hampton	NC	Franklin	42	45	22	93	12	4	1230
Centerville	SC	Appanoose	40	44	11	92	52	9	980	Harlan 1 ESE	WC	Shelby							
Chariton 1 E	SC	Lucas	41	0	59	93	16	45	940	Hastings 4 NE	SW	Mills	41	4	38	95	28	48	1050
Charles City	NC	Floyd	43	3	37	92	40	18	993	Hawarden	NW	Sioux	43	0	11	96	29	6	1190
Cherokee	NW	Cherokee	42	45	26	95	32	16	1180	Holly Springs 1 NW	WC	Woodbury	42	16	49	96	5	46	1100
Clarinda	SW	Page	40	43	28	95	1	19	980	Holstein	WC	Ida	42	29	23	95	32	56	1370
Clarion	NC	Wright	42	43	12	93	44	1	1156	Indianola 4 W	SC	Warren	41	21	56	93	38	53	942
Clinton #1	EC	Clinton	41	47	41	90	15	50	594	Ionia 2 W	NE	Chickasaw	43	2	1	92	30	6	1019
Clutier	C	Tama	42	4	48	92	24	18	900	Iowa City	EC	Johnson	41	36	33	91	30	18	640
Coggon	EC	Linn	42	16	45	91	31	30	903	Iowa City Airport	EC	Johnson	41	37	58	91	32	35	668
Cresco 1 NE	NE	Howard	43	23	22	92	5	38	1255	Iowa Falls	C	Hardin	42	31	8	93	15	13	1051
Creston 2 SW	SC	Union	41	2	14	94	23	39	1320	Jefferson 2 NW	WC	Greene							
Dakota City	NC	Humboldt	42	43	32	94	11	43	1110	Kanawha	NC	Hancock	42	55	52	93	47	36	1185

APRIL 2016		STATION INDEX			IOWA CLIMATE REVIEW					APRIL 2016		STATION INDEX			IOWA CLIMATE REVIEW			
STATION NAME	DIV	COUNTY	COORDINATES			ELEV			STATION NAME	DIV	COUNTY	COORDINATES			ELEV			
			LATITUDE	LONGITUDE	(FT)	DEG	MIN	SEC				DEG	MIN	SEC	DEG	MIN	SEC	
Keokuk L & D 19	SE	Lee	40 23 48	91 22 30	527				Postville	NE	Allamakee	43 5 24	91 33 29					1165
Keosauqua	SE	Van Buren	40 43 39	91 58 6	592				Primghar	NW	O' Brien	43 5 11	95 37 45					1520
Knoxville	SC	Marion	41 19 29	93 6 3	915				Randolph	SW	Fremont	40 52 28	95 34 0					980
Lake Mills	NC	Winnebago	43 25 4	93 32 5	1260				Rathbun Dam	SC	Appanoose	40 49 30	92 53 33					965
Lamoni	SC	Decatur	40 37 24	93 57 3	1128				Red Oak	SW	Montgomery	41 0 13	95 14 31					1040
Lamoni Airport	SC	Decatur	40 37 50	93 54 3	1135				Remsen #2	NW	Plymouth	42 48 37	95 58 30					1330
Le Claire L & D 14	EC	Scott	41 34 29	90 24 2	577				Rock Rapids	NW	Lyon	43 25 48	96 10 7					1347
Le Mars	NW	Plymouth	42 46 54	96 8 45	1320				Rock Valley	NW	Sioux	43 12 16	96 18 22					1246
Little Sioux 2 NW	WC	Harrison	41 49 35	96 3 2	1025				Rockwell City	WC	Calhoun	42 23 49	94 37 45					1224
Logan	WC	Harrison	41 38 17	95 47 18	1030				Sac City	WC	Sac	42 25 10	94 58 34					1210
Lorimor	SC	Union	41 7 29	94 3 5	1230				Saint Ansgar	NC	Mitchell	43 22 54	92 55 24					1139
Lowden	EC	Cedar	41 51 23	90 55 48	715				Salem 1 S	SE	Henry	40 50 8	91 37 20					650
Manchester #2	NE	Delaware	42 28 24	91 27 6	990				Sanborn	NW	O' Brien	43 10 45	95 39 37					1551
Mapleton #2	WC	Monona	42 9 43	95 47 1	1200				Sheldon	NW	O' Brien	43 10 51	95 51 10					1420
Maquoketa 4 W	EC	Jackson	42 2 58	90 44 56	782				Shenandoah	SW	Page	40 46 2	95 22 48					975
Marshalltown	C	Marshall	42 3 53	92 55 28	871				Sibley	NW	Osceola	43 24 17	95 44 54					1529
Marshalltown Airport	C	Marshall	42 6 38	92 54 58	974				Sidney 1 SSE	SW	Fremont	40 44 10	95 38 35					1140
Mason City	NC	Cerro Gordo	43 9 47	93 11 43	1105				Sigourney	SE	Keokuk							
Mason City Airport	NC	Cerro Gordo	43 9 16	93 19 37	1225				Sioux Center 2 SE	NW	Sioux	43 3 21	96 9 9					1360
Moline Airport		Rock Island, IL	41 27 55	90 31 24	592				Sioux City Airport	WC	Woodbury	42 23 29	96 22 45					1095
Montezuma 1 W	C	Poweshiek	41 35 1	92 32 59	965				Sioux Falls		Minnehaha, SD	43 34 40	96 45 14					1428
Monticello	EC	Jones	42 14 28	91 10 24	820				Sioux Rapids 4 E	NW	Buena Vista	42 53 35	95 3 55					1420
Mount Ayr	SC	Ringgold	40 42 19	94 14 34	1180				Spener Airport	NW	Clay	43 9 52	95 12 6					1338
Mount Pleasant 1 SSW	SE	Henry	40 56 55	91 33 53	730				Spencer 1 N	NW	Clay	43 9 55	95 8 48					1326
Muscatine	EC	Muscatine	41 24 27	91 4 22	549				Spirit Lake 4 W	NW	Dickinson	43 25 53	95 10 56					1430
Muscatine 2 N	EC	Muscatine	41 28 17	91 3 47	680				Stanley 3 WSW	NE	Buchanan	42 38 0	91 51 48					1114
Nashua 2 SW	NC	Floyd	42 56 13	92 34 13	1059				Storm Lake	NW	Buena Vista	42 38 49	95 11 36					1442
New Hampton	NE	Chickasaw	43 2 43	92 18 44	1148				Strawberry Point	NE	Clayton	42 41 7	91 31 57					1200
Newton	C	Jasper	41 42 42	93 1 47	960				Swea City 4 W	NC	Kossuth	43 24 8	94 22 59					1239
Northwood	NC	Worth	43 26 19	93 13 31	1190				Swisher	EC	Johnson	41 50 59	91 40 35					790
Oakland	SW	Pottawattamie	41 18 16	95 23 4	1260				Toledo 3 N	C	Tama	42 2 8	92 34 50					949
Oelwein 1 E	NE	Fayette	42 40 48	91 52 30	1165				Tripoli	NE	Bremer	42 48 45	92 15 27					960
Omaha Eppley Airport		Douglas, NE	41 18 37	95 53 57	982				Underwood	SW	Pottawattamie	41 23 22	95 40 52					1080
Orange City	NW	Sioux	43 0 2	96 3 14	1380				Vinton	EC	Benton	42 10 13	92 0 28					850
Osage	NC	Mitchell	43 16 46	92 48 38	1170				Washington	SE	Washington	41 16 57	91 42 28					687
Osceola	SC	Clarke	41 1 10	93 45 1	1028				Washta	NW	Cherokee	42 34 26	95 43 48					1160
Oskaloosa	SE	Mahaska	41 19 17	92 38 48	830				Waterloo Airport	NE	Black Hawk	42 33 16	92 24 4					868
Ottumwa Airport	SE	Wapello	41 6 28	92 26 48	842				Webster City	C	Hamilton	42 28 7	93 47 50					1170
Pella 1 S	SC	Marion	41 22 34	92 55 13	780				Williamsburg 1 E	EC	Iowa	41 39 54	91 59 52					810
Perry	C	Dallas	41 50 22	94 6 38	965				Winterset 1 S	SC	Madison	41 18 22	94 1 6					1104
Pocahontas	NW	Pocahontas	42 43 45	94 39 41	1212				Zearing	C	Story	42 10 1	93 18 35					1116

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city or locality. Figures and letters following the station name indicate the distance and direction from the post office or town community center.

NORMALS: The average of the meteorological element over the period from 1981 to 2010. Normals are calculated by the National Climatic Data Center and are revised once every 10 years. The precipitation and snowfall normals are strictly an average of the values recorded during the 1981-2010 period. However, temperature and degree day normals may have been adjusted to better correspond to the current (as of 2010) temperature measurement practice and thus may vary slightly from the average of the original 30-year values.

DEGREE DAYS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature [average of the daily maximum and minimum air temperature] is BELOW (ABOVE) 65°F. Degree days are used to provide a measure of the effect of temperature upon energy consumption for heating or cooling of homes or buildings. The greater the heating (cooling) degree day total, the greater the amount of energy needed to heat (cool) your home or building.

PRECIPITATION: Values shown in hundredths of an inch are water equivalent totals, i.e., total of liquid (rain) and melted frozen (snow, sleet, hail) precipitation. The snowfall data tables include the unmelted depth of snow and sleet in tenths of an inch. The depth of snow on the ground (SN ON GROUND) refers to the depth of all snow or ice (new or old). This ‘Snow on Ground’ value is the depth of snow on the ground at the time of the precipitation observation at all stations *except*: Burlington, Davenport, Des Moines, Dubuque, Mason City, Moline, Omaha, Ottumwa, Sioux City and Sioux Falls Airports where the snow depth is measured at 6 a.m. CST while the new snowfall is that for the 24 hour period ending at midnight. Daily precipitation and snowfall amounts are for the 24 hours ending at the time of observation (given in the ‘OBS TIME’ column). An asterisk in the daily precipitation table indicates that the rain gage was not read that day. A multi-day precipitation total is included in the amount immediately following the asterisks.

TEMPERATURE: The daily maximum (MAX) and minimum (MIN) temperatures are recorded for the 24 hours ending at the time of observation. The significance of the time of observation in interpreting these data is discussed in the preceding paragraph.

TIME OF OBSERVATION: At most locations measurements of temperature and precipitation are made only once daily at the same hour of the day. This time is referred to as the ‘Time of Observation’ and is given in the ‘OBS TIME’ column of the data tables. All observations, unless otherwise noted, are for the 24 hour period ending at the time of observation. Note that in most cases the resulting data are not for calendar day (i.e., midnight-to-midnight) periods and further that the temperature observations may be made at a different time than the precipitation observation at the same station. See the PRECIPITATION paragraph in this section for a further explanation of the significance of the time of observation. All times are expressed on a 24-hour clock (i.e., 7 a.m. = 7; 5 p.m. = 17; midnight = 24, etc.).

SYMBOLS USED IN THE DAILY AND MONTHLY DATA TABLES.

‘ ’ Underlined data in the daily temperature, precipitation and snowfall tables indicates that the data in question has been estimated. Estimated data are provided when the original measurements are not available or are of suspect accuracy.

ITALICS. Data given in italics in the daily precipitation or snowfall tables indicate that the date on which the precipitation was reported has been changed from what was given on the original reports.

‘+’ A plus sign in the monthly summarized data tables indicates that the temperature or precipitation extreme given also occurred on one of more earlier dates during the month.

BLANK ENTRIES: Blank entries in the monthly summarized data table indicates that no data are available. Blank entries in the daily precipitation and snowfall data tables indicates that no precipitation was recorded. M = missing, no data recorded.

ABBREVIATIONS:

TMP DEP NOR:	Temperature departure from the 1981-2010 normal.
EXT MAX:	Extreme maximum temperature for the month and the day on which it was measured.
EXT MIN:	Extreme minimum temperature for the month and the day on which it was measured.
MAX 90+:	Number of days with maximum temperatures which were greater than or equal to 90°F.
MAX 32-:	Number of days with maximum temperatures which were less than or equal to 32°F.
MIN 32-:	Number of days with minimum temperatures which were less than or equal to 32°F.
MIN 0°:	Number of days with minimum temperatures which were less than or equal to 0°F.
15/16 SEAS:	2015-2016 season (July 1, 2015 through the end of the published month).
NOR SEAS:	Normal number of degree days through the end of the published month.
DEP NORM:	Monthly precipitation total departure from 1981-2010 normal.
EXT DAY:	Extreme one-day precipitation amount and the day on which it occurred.
.01+:	Number of days with precipitation of 0.01 inch or greater.
.10+:	Number of days with precipitation of 0.10 inch or greater.
1.00+:	Number of days with precipitation of 1.00 inch or greater.
MAX ON GRD:	Maximum depth of accumulated snow on the ground (inches) and the day on which it was measured.
OBS TIME:	Observation Time: The time (24-hour clock) at which the daily temperature and/or precipitation measurement is made (7 = 7 a.m.; 17 = 5 p.m.; 24 = midnight).
DIV:	Climate Division: NW = northwest, NC = north central, etc.
LAT:	Latitude in degrees and minutes north.
LON:	Longitude in degrees and minutes west.
T:	Trace: < 0.005” of precipitation; < 0.05” snowfall or < 0.5” snow on ground.



